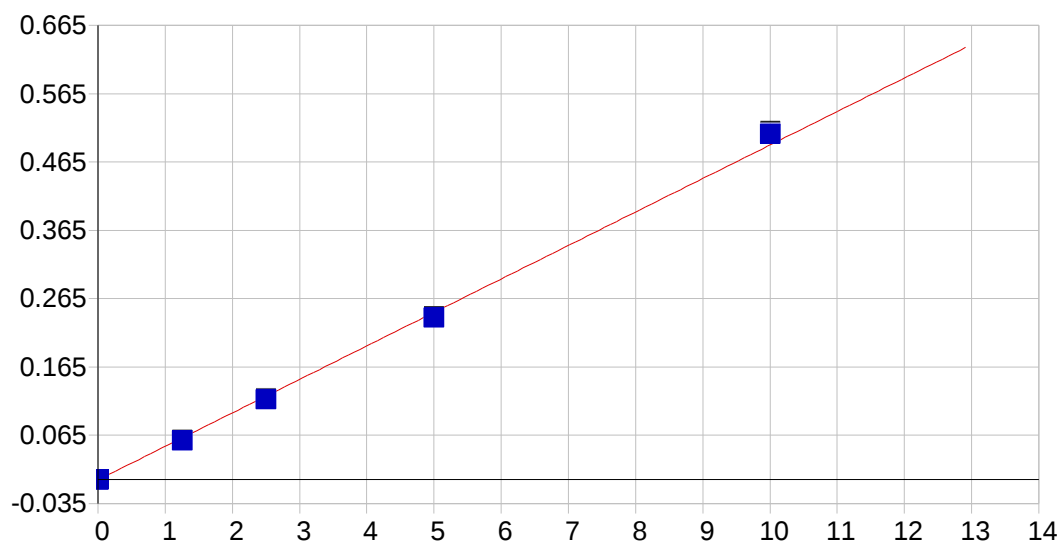


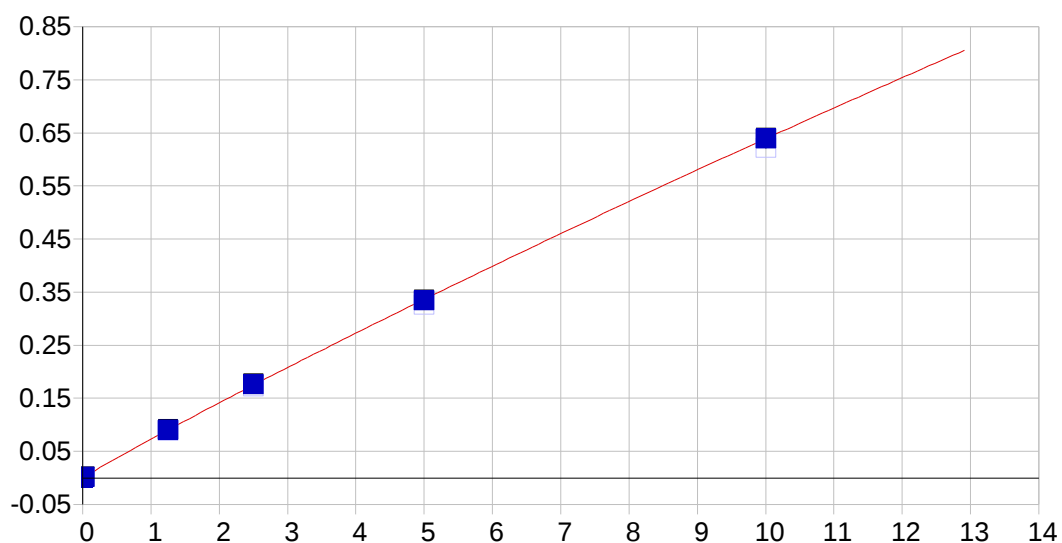


As 189.042 {479}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000109 Re-Slope: 1.000000
 A1 (Gain): 0.048994 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999331 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.002574
 Predicted MQL: 0.008581

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.01000	.00849	-.002	-15.1	.00031	.000	1
S2	1.2500	1.1704	-.080	-6.37	.05740	.000	1
S3	2.5000	2.4040	-.096	-3.84	.11800	.001	1
S4	5.0000	4.8416	-.158	-3.17	.23776	.001	1
S5	10.000	10.336	.336	3.36	.50759	.002	1

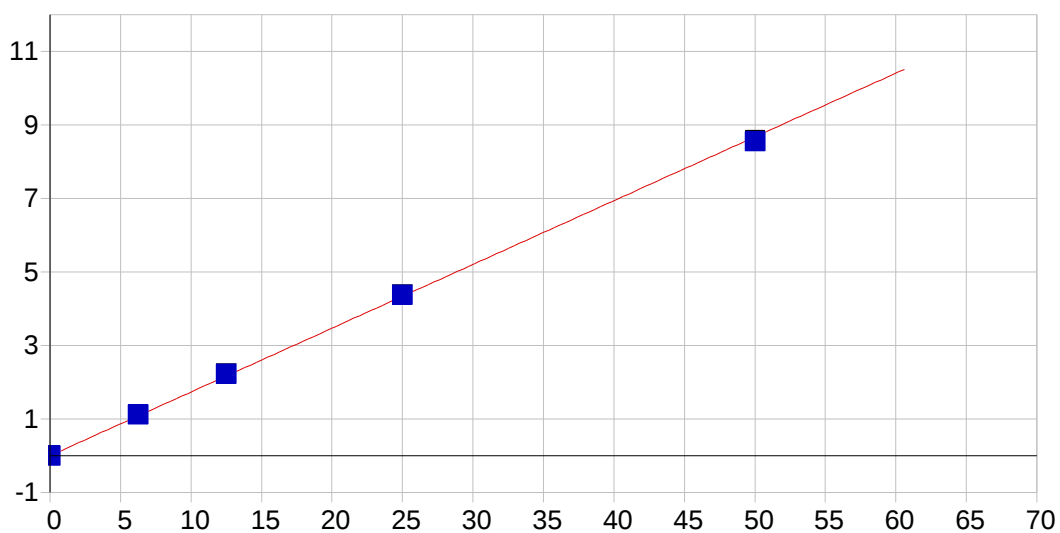


TI 190.856 {477}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000194 Re-Slope: 1.000000
 A1 (Gain): 0.073565 Y-int: 0.000000
 A2 (Curvature): -0.000381
 n (Exponent): 0.960000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.001402
 Predicted MQL: 0.004675

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.02500	.02410	-.001	-3.59	.00171	.000	1
S2	1.2500	1.2500	.000	.001	.08817	.001	1
S3	2.5000	2.5189	.019	.756	.17175	.001	1
S4	5.0000	4.9718	-.028	-.564	.32576	.001	1
S5	10.000	10.010	.010	.101	.62204	.001	1

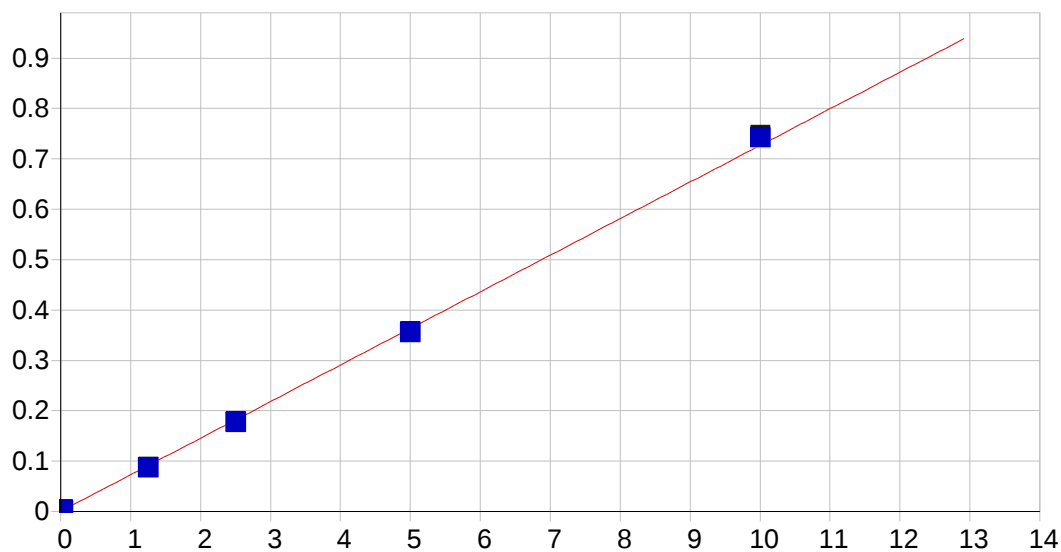


Pb 220.353 {453}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000184 Re-Slope: 1.000000
 A1 (Gain): 0.173494 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999858 Status: OK.
 Std Error of Est: 0.000110
 Predicted MDL: 0.001258
 Predicted MQL: 0.004193

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.01000	.01008	.000	.758	.00156	.000	1
S2	6.2500	6.4298	.180	2.88	1.1156	.004	1
S3	12.500	12.852	.352	2.82	2.2301	.010	1
S4	25.000	25.183	.183	.732	4.3699	.018	1
S5	50.000	49.285	-.715	-1.43	8.5524	.033	1

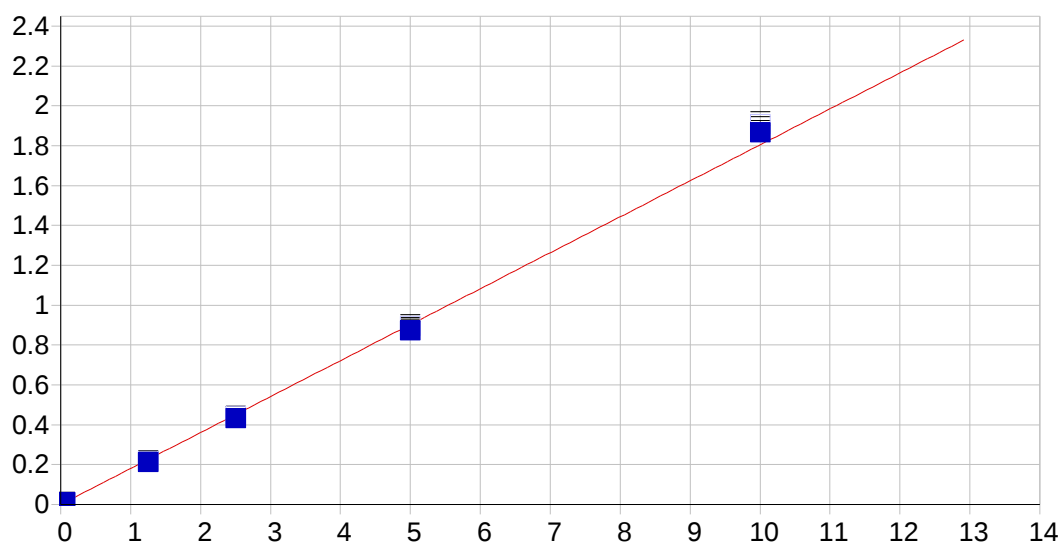


Se 196.090 {472}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000276 Re-Slope: 1.000000
 A1 (Gain): 0.072655 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999714 Status: OK.
 Std Error of Est: 0.000054
 Predicted MDL: 0.002256
 Predicted MQL: 0.007520

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00028	.000	1
S1	.03500	.03255	-.002	-7.00	.00264	.000	1
S2	1.2500	1.2017	-.048	-3.87	.08725	.000	1
S3	2.5000	2.4406	-.059	-2.37	.17693	.001	1
S4	5.0000	4.8907	-.109	-2.19	.35427	.002	1
S5	10.000	10.219	.219	2.19	.74009	.004	1

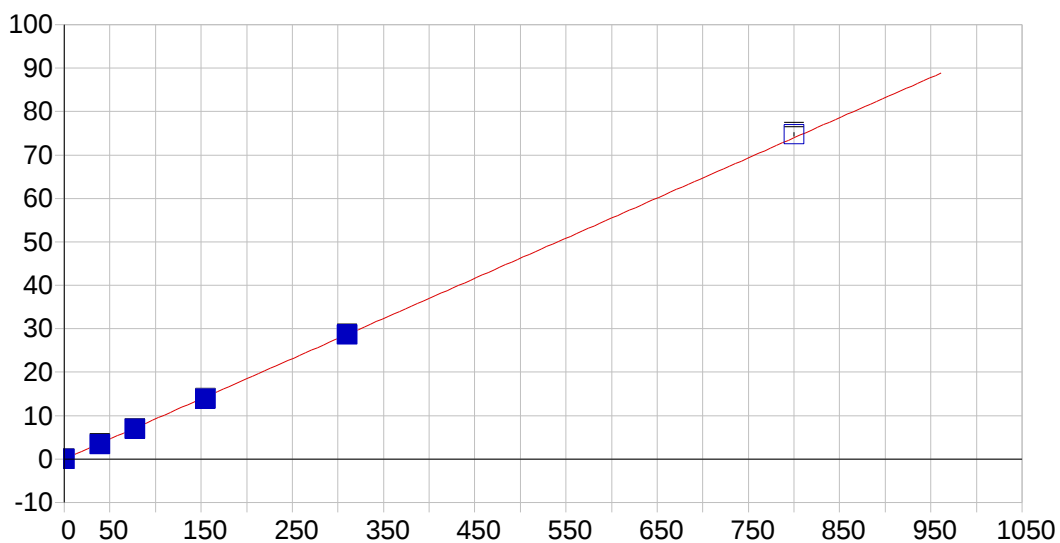


Sb 206.833 {463}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000162 Re-Slope: 1.000000
 A1 (Gain): 0.180467 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999368 Status: OK.
 Std Error of Est: 0.000270
 Predicted MDL: 0.001121
 Predicted MQL: 0.003735

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00016	.000	1
S1	.06000	.05748	-.003	-4.20	.01053	.000	1
S2	1.2500	1.1793	-.071	-5.66	.21840	.001	1
S3	2.5000	2.3945	-.105	-4.22	.44314	.001	1
S4	5.0000	4.8415	-.158	-3.17	.89558	.006	1
S5	10.000	10.337	.337	3.37	1.9091	.013	1

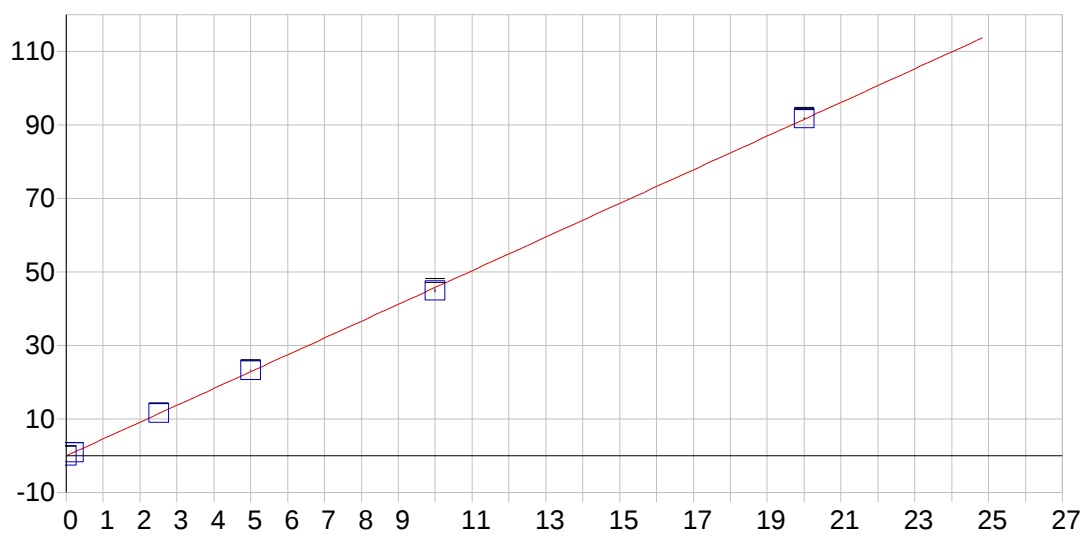


AI 396.152 { 85}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000237 Re-Slope: 1.000000
 A1 (Gain): 0.092456 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872 Status: OK.
 Std Error of Est: 0.000919
 Predicted MDL: 0.005657
 Predicted MQL: 0.018856

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00024	.000	1
S1	.20000	.19666	-.003	-1.67	.01845	.000	1
S2	38.750	37.179	-1.57	-4.05	3.4420	.024	1
S3	77.500	75.331	-2.17	-2.80	6.9736	.093	1
S4	155.00	150.44	-4.56	-2.94	13.927	.105	1
S5	310.00	309.62	-.379	-.122	28.661	.149	1
S6	800.00	808.69	8.69	1.09	74.769	.486	1

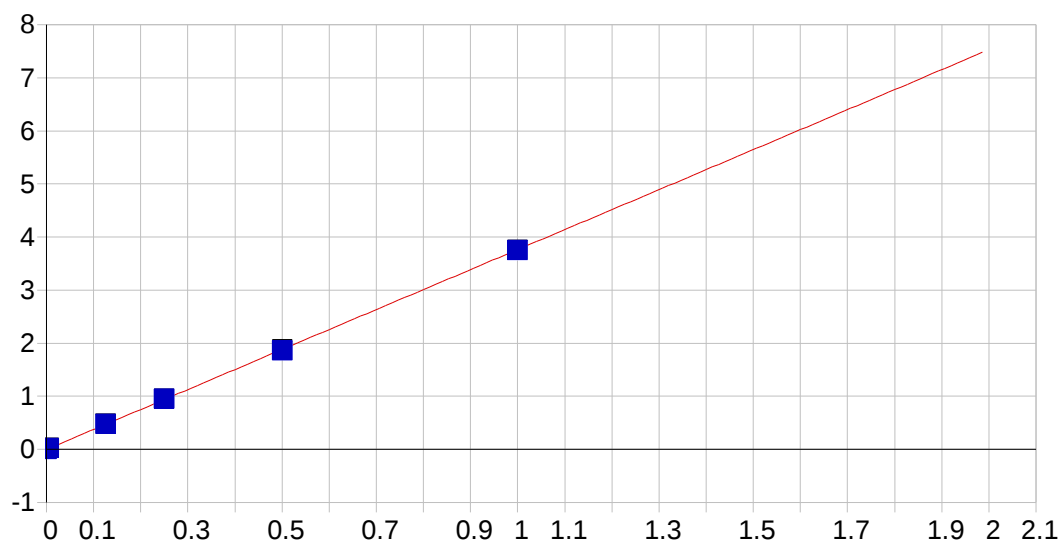


Ba 493.409 { 68}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.016828 Re-Slope: 1.000000
 A1 (Gain): 4.578231 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928 Status: OK.
 Std Error of Est: 0.005853
 Predicted MDL: 0.000264
 Predicted MQL: 0.000881

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.01686	.001	1
S1	.20000	.20440	.004	2.20	.91895	.002	1
S2	2.5000	2.5360	.036	1.44	11.594	.054	1
S3	5.0000	5.0830	.083	1.66	23.254	.182	1
S4	10.000	9.8186	-.181	-1.81	44.935	.520	1
S5	20.000	20.058	.058	.290	91.813	.290	1

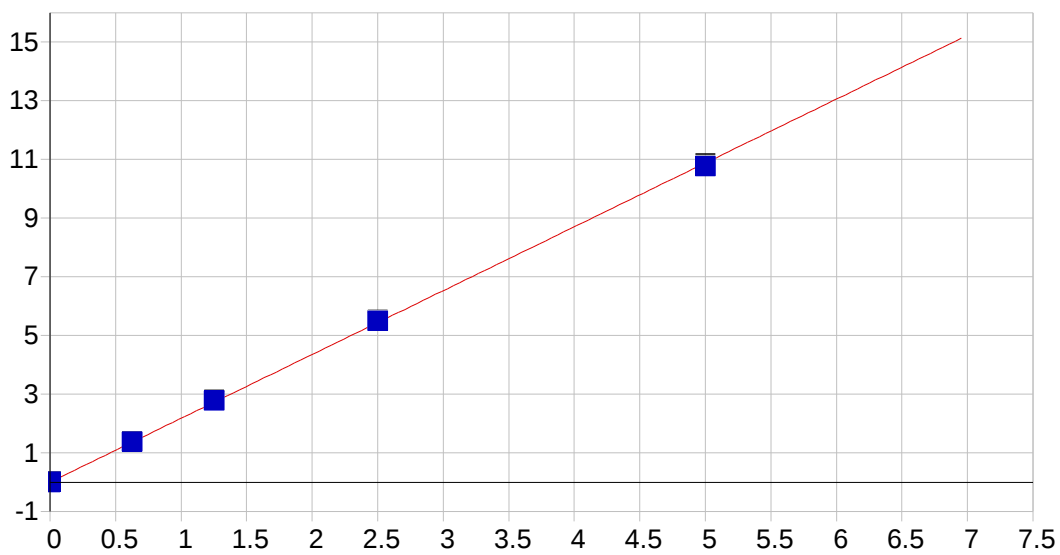


Be 234.861 {144}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001765	Re-Slope: 1.000000
A1 (Gain):	3.765239	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999949	Status: OK.
Std Error of Est:	0.000142	
Predicted MDL:	0.000074	
Predicted MQL:	0.000246	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00177	.000	1
S1	.00500	.00545	.000	8.90	.01872	.001	1
S2	.12500	.12797	.003	2.38	.47849	.002	1
S3	.25000	.25323	.003	1.29	.94854	.004	1
S4	.50000	.49615	-.004	-.770	1.8600	.012	1
S5	1.0000	.99720	-.003	-.280	3.7403	.001	1

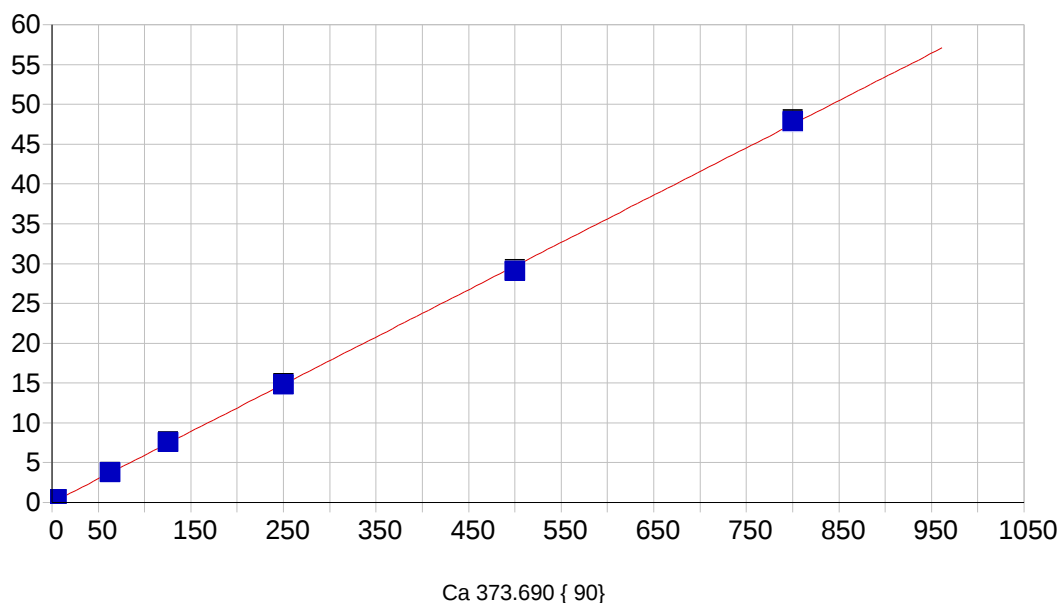


Cd 214.438 {457}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000251 Re-Slope: 1.000000
 A1 (Gain): 2.176389 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926 Status: OK.
 Std Error of Est: 0.000223
 Predicted MDL: 0.000073
 Predicted MQL: 0.000243

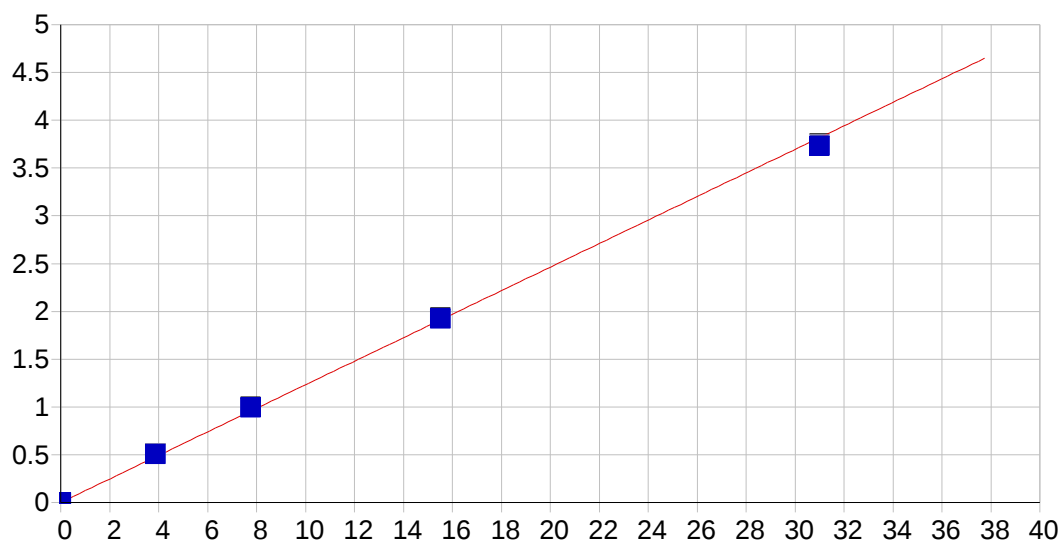
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.00500	.00491	.000	-1.90	.01043	.000	1
S2	.62500	.63136	.006	1.02	1.3770	.006	1
S3	1.2500	1.2764	.026	2.11	2.7841	.017	1
S4	2.5000	2.5215	.021	.860	5.5003	.028	1
S5	5.0000	4.9458	-.054	-1.08	10.789	.058	1



Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001807 Re-Slope: 1.000000
 A1 (Gain): 0.059369 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896 Status: OK.
 Std Error of Est: 0.002978
 Predicted MDL: 0.008437
 Predicted MQL: 0.028123

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00036	.000	.000	.00179	.000	1
S1	5.0000	5.2013	.201	4.03	.31059	.001	1
S2	62.500	64.012	1.51	2.42	3.7976	.013	1
S3	125.00	127.63	2.63	2.11	7.5702	.080	1
S4	250.00	249.97	-.028	-.011	14.824	.105	1
S5	500.00	489.65	-10.3	-2.07	29.036	.201	1
S6	800.00	806.03	6.03	.754	47.759	.251	1

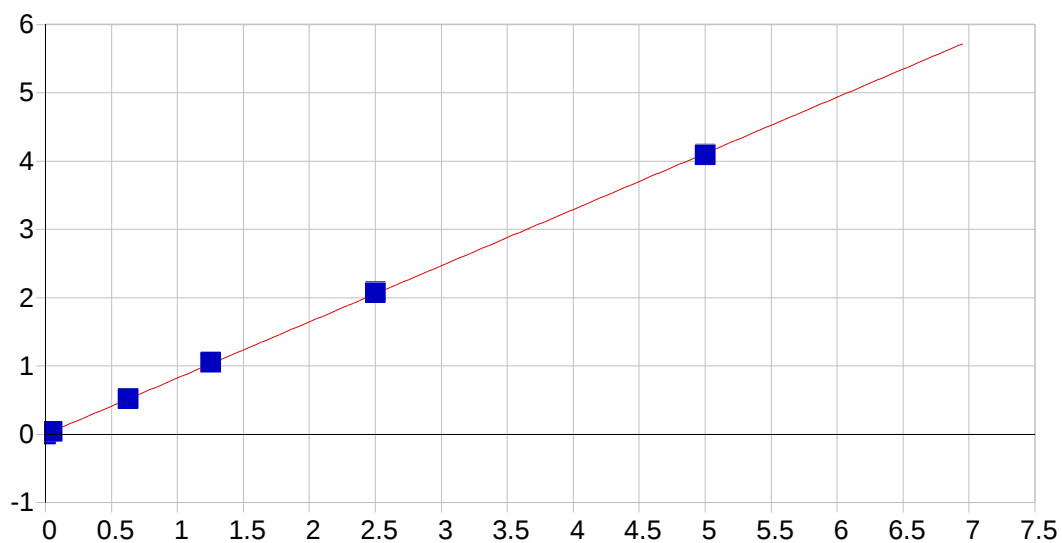


Cr 267.716 {126}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000030 Re-Slope: 1.000000
 A1 (Gain): 0.123152 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999620 Status: OK.
 Std Error of Est: 0.000101
 Predicted MDL: 0.000464
 Predicted MQL: 0.001546

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.01000	.01095	.001	9.55	.00140	.000	1
S2	3.8750	4.1204	.245	6.33	.50870	.001	1
S3	7.7500	8.0636	.314	4.05	.99555	.004	1
S4	15.500	15.625	.125	.809	1.9293	.006	1
S5	31.000	30.315	-.685	-2.21	3.7432	.010	1

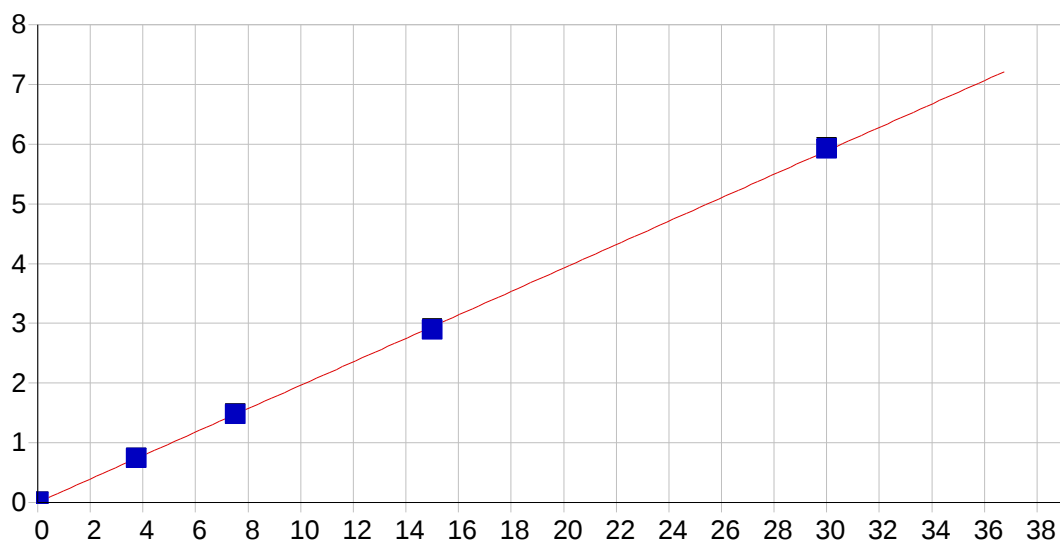


Co 228.616 {448}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000113 Re-Slope: 1.000000
 A1 (Gain): 0.822396 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000207
 Predicted MDL: 0.000188
 Predicted MQL: 0.000628

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.05000	.04804	-.002	-3.91	.03955	.000	1
S2	.62500	.62788	.003	.461	.51733	.002	1
S3	1.2500	1.2713	.021	1.70	1.0475	.005	1
S4	2.5000	2.5159	.016	.637	2.0733	.010	1
S5	5.0000	4.9619	-.038	-.762	4.0891	.015	1

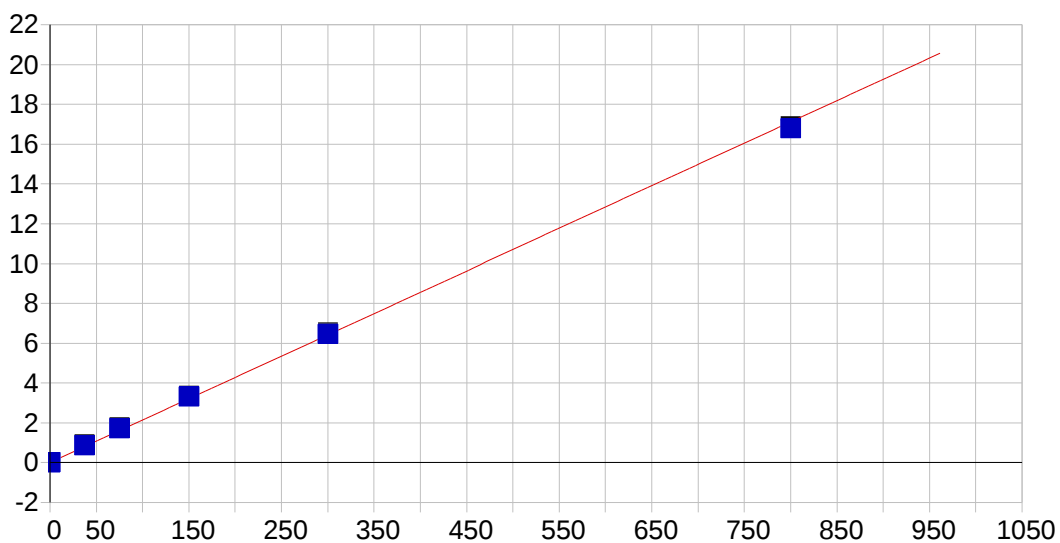


Cu 324.754 {104}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000899 Re-Slope: 1.000000
 A1 (Gain): 0.196213 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.001606
 Predicted MQL: 0.005353

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00090	.000	1
S1	.02500	.02734	.002	9.36	.00623	.000	1
S2	3.7500	3.7797	.030	.792	.74189	.004	1
S3	7.5000	7.5231	.023	.308	1.4758	.008	1
S4	15.000	14.754	-.246	-1.64	2.8934	.013	1
S5	30.000	30.191	.191	.635	5.9197	.019	1

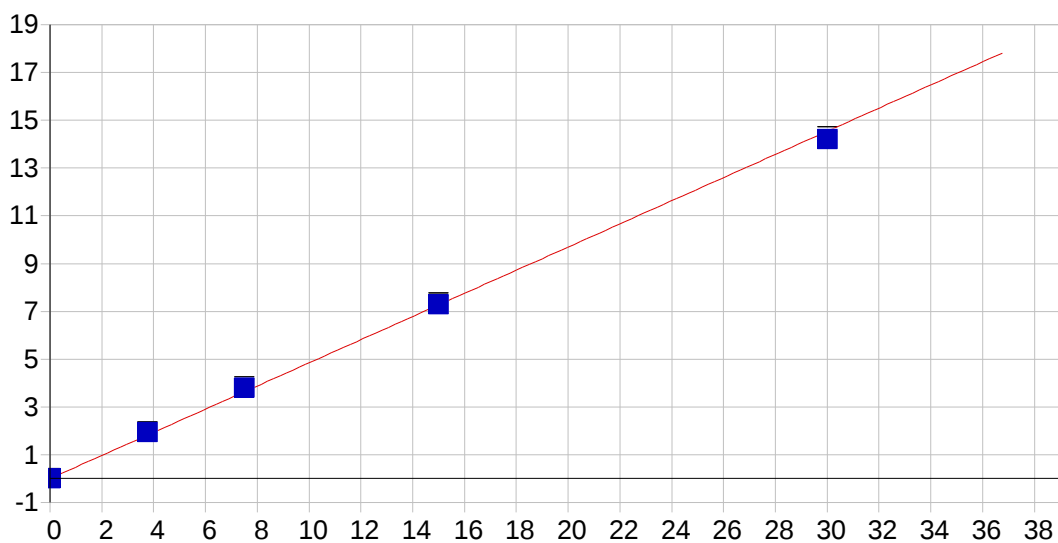


Fe 259.837 {130}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000001 Re-Slope: 1.000000
 A1 (Gain): 0.021403 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999555 Status: OK.
 Std Error of Est: 0.000279
 Predicted MDL: 0.007703
 Predicted MQL: 0.025678

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00000	.000	1
S1	.10000	.11582	.016	15.8	.00249	.000	1
S2	37.500	41.023	3.52	9.39	.87897	.005	1
S3	75.000	80.673	5.67	7.56	1.7286	.021	1
S4	150.00	154.42	4.42	2.95	3.3089	.023	1
S5	300.00	302.07	2.07	.689	6.4728	.052	1
S6	800.00	784.29	-15.7	-1.96	16.795	.068	1

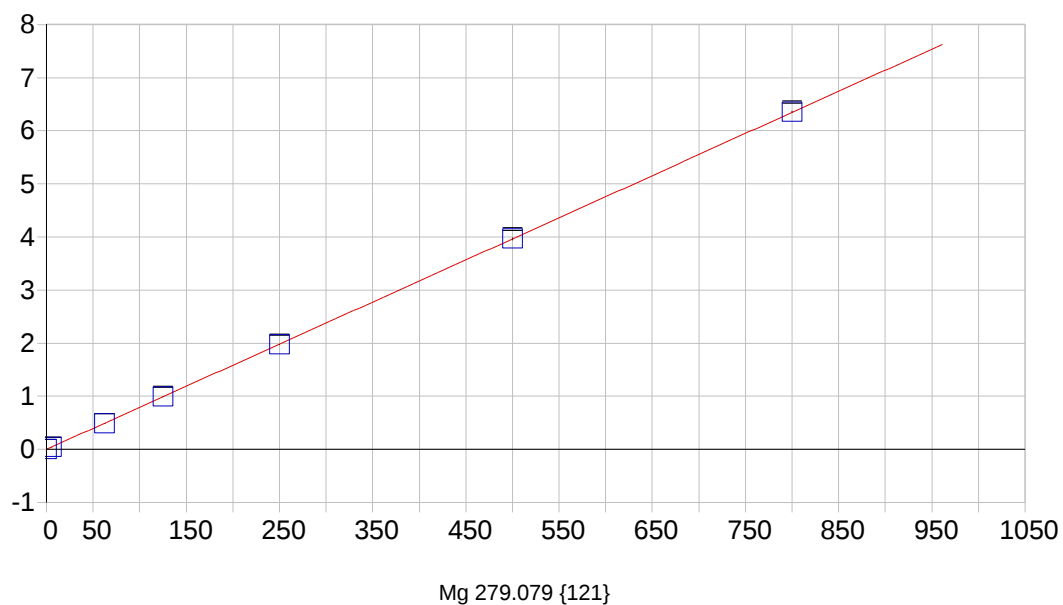


Mn 257.610 {131}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000073 Re-Slope: 1.000000
 A1 (Gain): 0.484656 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999549 Status: OK.
 Std Error of Est: 0.000518
 Predicted MDL: 0.000388
 Predicted MQL: 0.001293

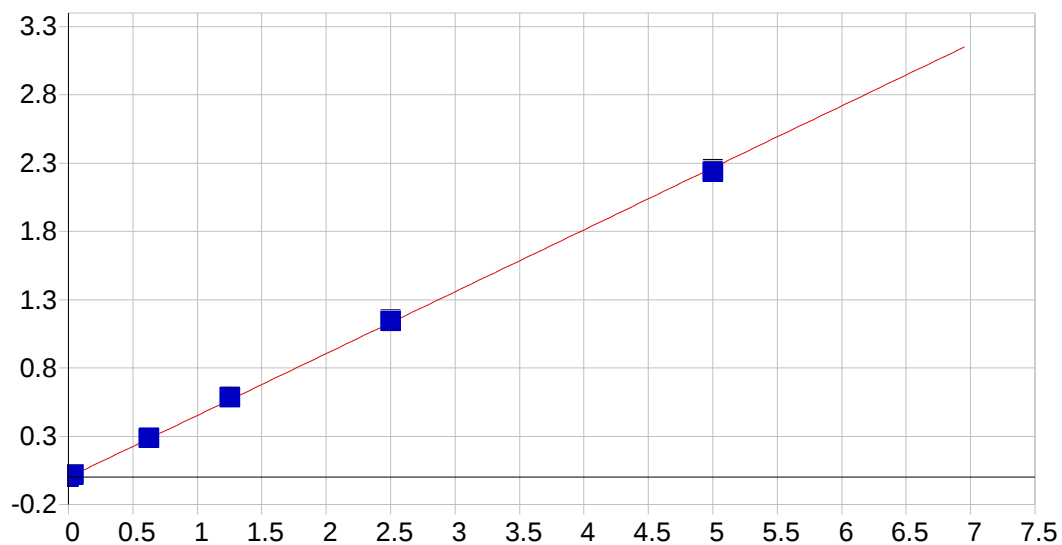
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.01500	.01695	.002	13.0	.00815	.000	1
S2	3.7500	4.0103	.260	6.94	1.9439	.014	1
S3	7.5000	7.8567	.357	4.76	3.8085	.043	1
S4	15.000	15.057	.057	.383	7.2992	.051	1
S5	30.000	29.324	-.676	-2.25	14.215	.104	1



Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000117 Re-Slope: 1.000000
 A1 (Gain): 0.007931 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000085
 Predicted MDL: 0.024272
 Predicted MQL: 0.080907

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	-.00012	.000	1
S1	5.0000	4.9830	-.017	-.340	.03940	.000	1
S2	62.500	61.775	-.725	-1.16	.48982	.003	1
S3	125.00	125.25	.246	.197	.99320	.013	1
S4	250.00	249.05	-.953	-.381	1.9751	.014	1
S5	500.00	499.75	-.250	-.050	3.9634	.029	1
S6	800.00	801.70	1.70	.212	6.3581	.022	1

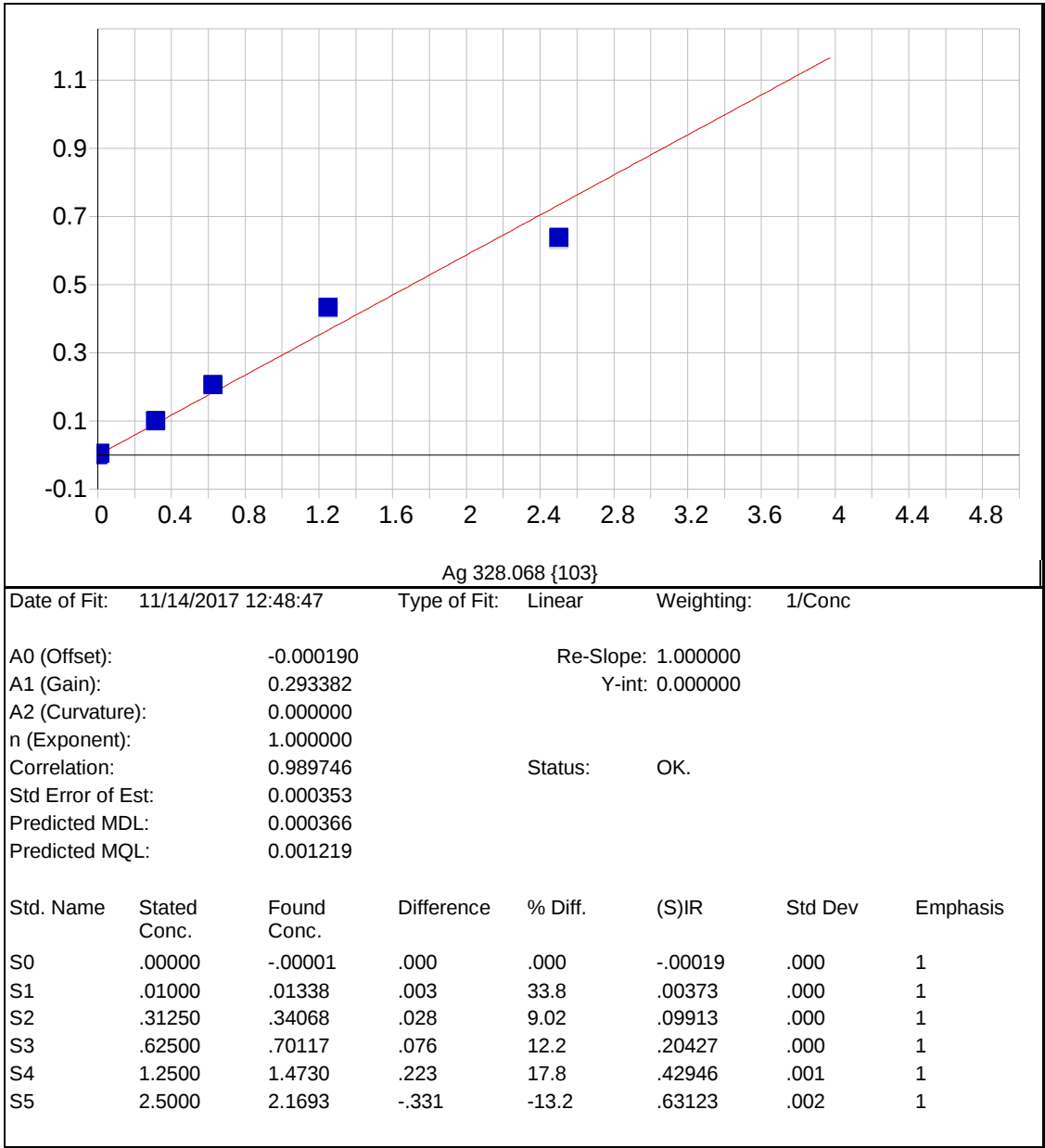


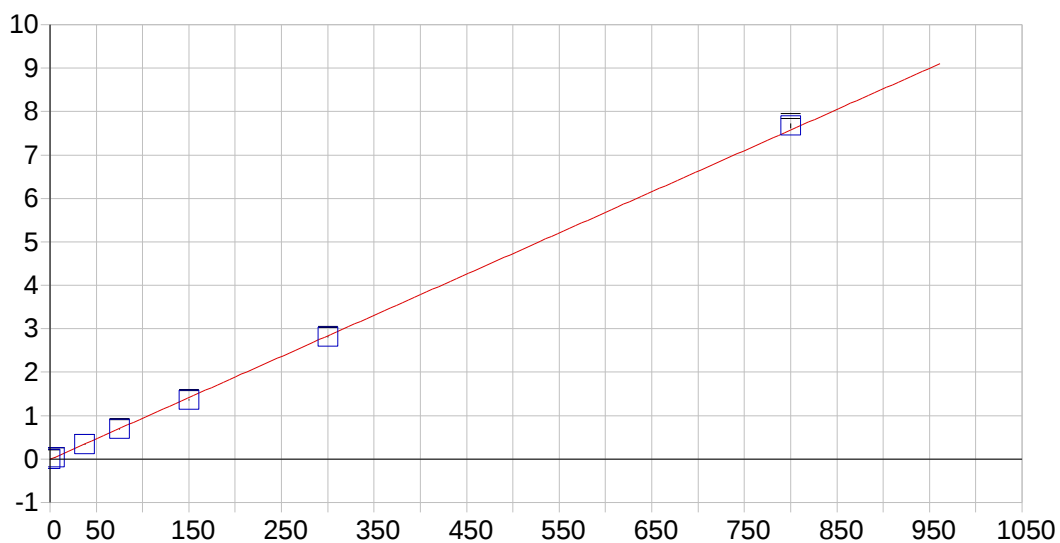
Ni 231.604 {446}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000903 Re-Slope: 1.000000
 A1 (Gain): 0.453269 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872 Status: OK.
 Std Error of Est: 0.000173
 Predicted MDL: 0.000349
 Predicted MQL: 0.001164

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00090	.000	1
S1	.04000	.04025	.000	.623	.01736	.000	1
S2	.62500	.63744	.012	1.99	.28952	.001	1
S3	1.2500	1.2850	.035	2.80	.58454	.003	1
S4	2.5000	2.5230	.023	.918	1.1486	.005	1
S5	5.0000	4.9293	-.071	-1.41	2.2453	.011	1



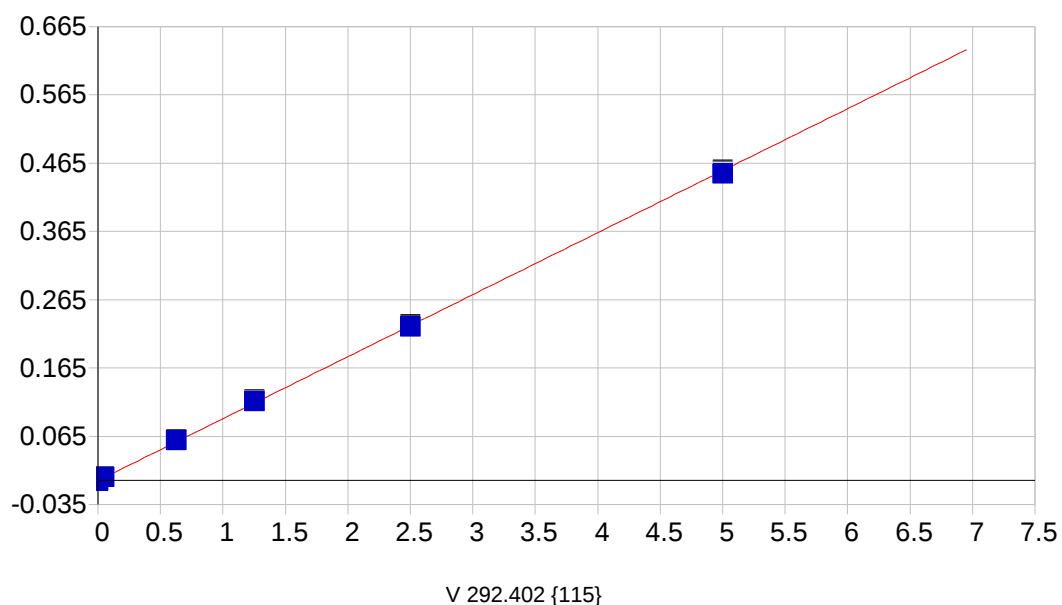


Na 818.326 { 41}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007488 Re-Slope: 1.000000
 A1 (Gain): 0.009478 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866 Status: OK.
 Std Error of Est: 0.000481
 Predicted MDL: 0.130723
 Predicted MQL: 0.435745

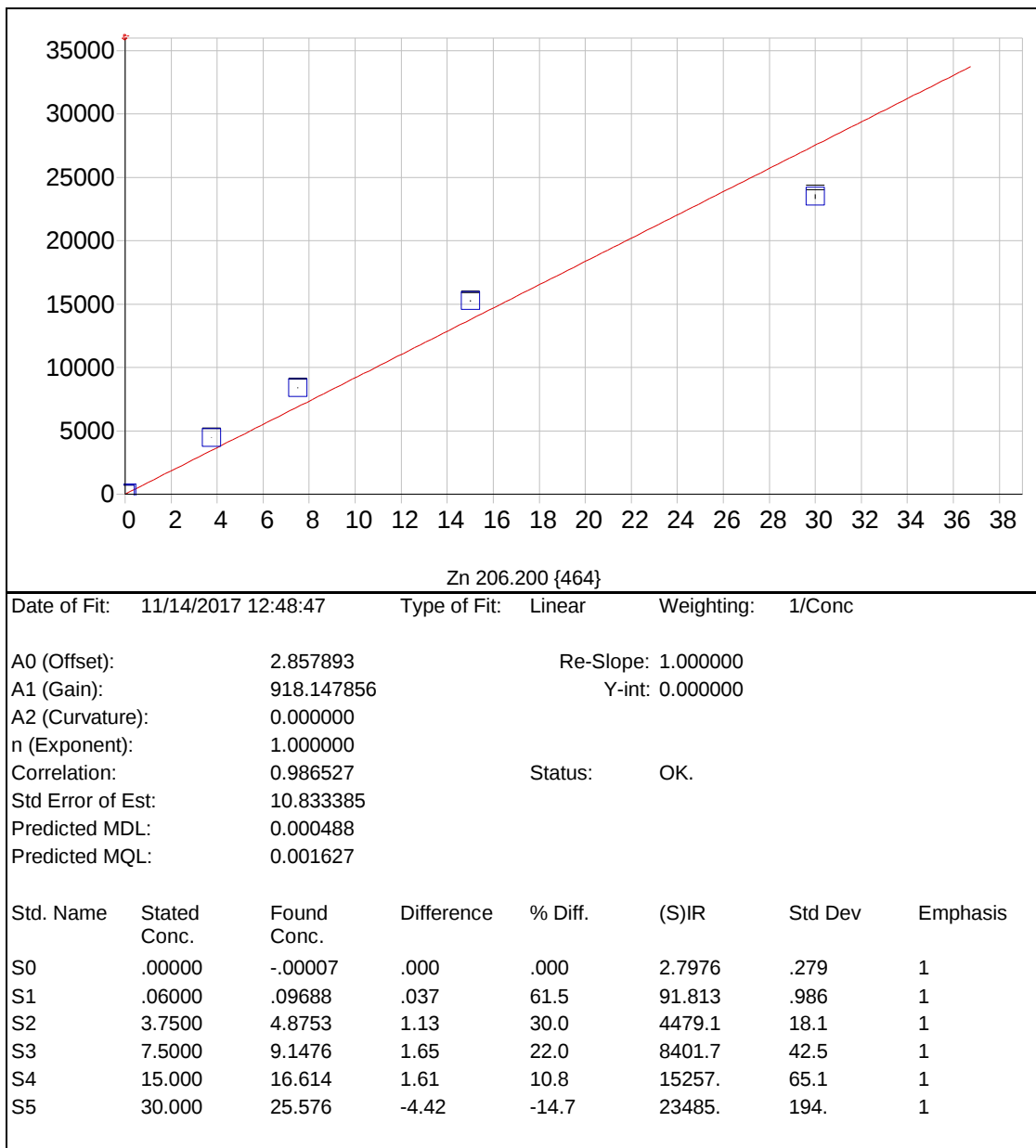
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00053	.001	.000	-.00748	.001	1
S1	5.0000	4.8151	-.185	-3.70	.03815	.001	1
S2	37.500	36.659	-.841	-2.24	.33995	.004	1
S3	75.000	73.665	-1.34	-1.78	.69067	.009	1
S4	150.00	145.01	-4.99	-3.32	1.3669	.014	1
S5	300.00	297.25	-2.75	-.916	2.8097	.013	1
S6	800.00	810.10	10.1	1.26	7.6702	.061	1

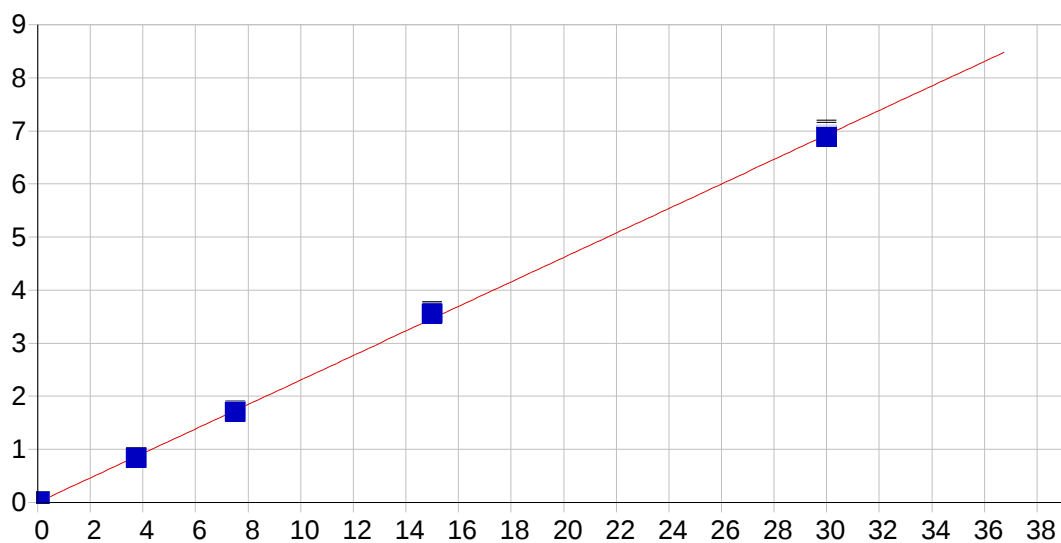


Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000077 Re-Slope: 1.000000
 A1 (Gain): 0.090821 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999832 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.002391
 Predicted MQL: 0.007970

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00008	.000	1
S1	.05000	.05630	.006	12.6	.00505	.000	1
S2	.62500	.65110	.026	4.18	.05929	.000	1
S3	1.2500	1.2808	.031	2.46	.11671	.002	1
S4	2.5000	2.4832	-.017	-.672	.22639	.002	1
S5	5.0000	4.9536	-.046	-.927	.45170	.004	1



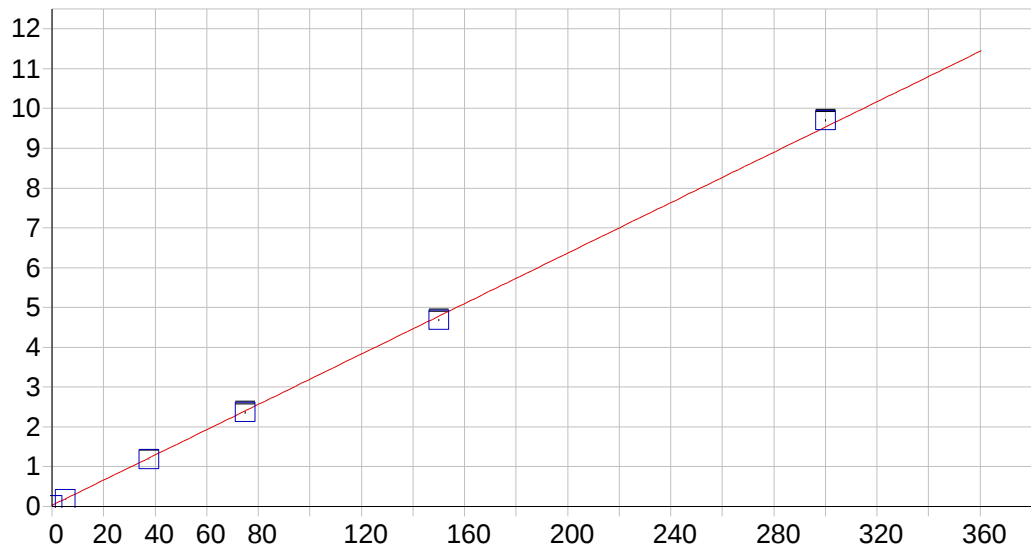


Zn 213.856 {158}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000342 Re-Slope: 1.000000
 A1 (Gain): 0.230766 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833 Status: OK.
 Std Error of Est: 0.000302
 Predicted MDL: 0.002702
 Predicted MQL: 0.009006

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00034	.000	1
S1	.06000	.06380	.004	6.33	.01512	.000	1
S2	3.7500	3.6102	-.140	-3.73	.83813	.011	1
S3	7.5000	7.3912	-.109	-1.45	1.7153	.013	1
S4	15.000	15.408	.408	2.72	3.5747	.019	1
S5	30.000	29.837	-.163	-.544	6.9230	.091	1

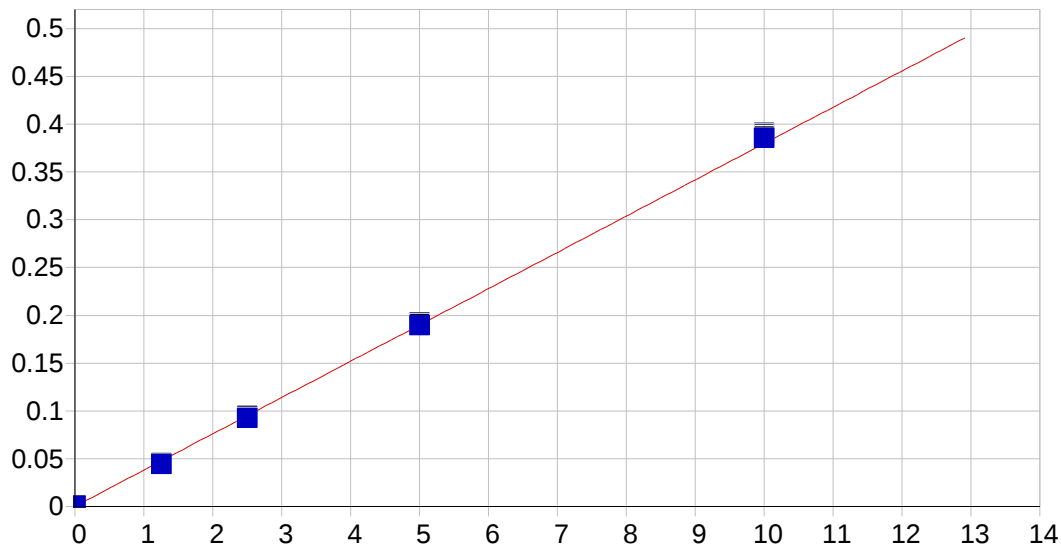


K 769.896 { 44}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.027735 Re-Slope: 1.000000
 A1 (Gain): 0.031689 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814 Status: OK.
 Std Error of Est: 0.001261
 Predicted MDL: 0.036469
 Predicted MQL: 0.121563

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00038	.000	.000	.02775	.001	1
S1	5.0000	4.8513	-.149	-2.97	.18147	.001	1
S2	37.500	36.423	-1.08	-2.87	1.1820	.009	1
S3	75.000	73.794	-1.21	-1.61	2.3662	.037	1
S4	150.00	147.02	-2.98	-1.98	4.6868	.030	1
S5	300.00	305.41	5.41	1.80	9.7059	.029	1

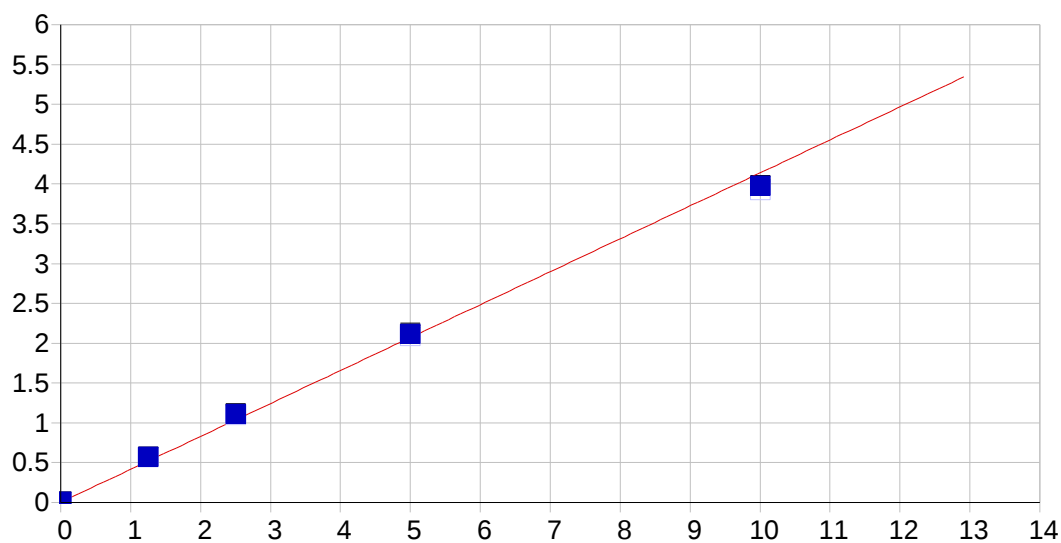


P 177.495 {490}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000081 Re-Slope: 1.000000
 A1 (Gain): 0.037965 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999669 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.002297
 Predicted MQL: 0.007657

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.01000	.01436	.004	43.6	.00063	.000	1
S2	1.2500	1.1590	-.091	-7.28	.04462	.001	1
S3	2.5000	2.4383	-.062	-2.47	.09374	.001	1
S4	5.0000	4.9857	-.014	-.286	.19153	.001	1
S5	10.000	10.163	.163	1.63	.39024	.001	1

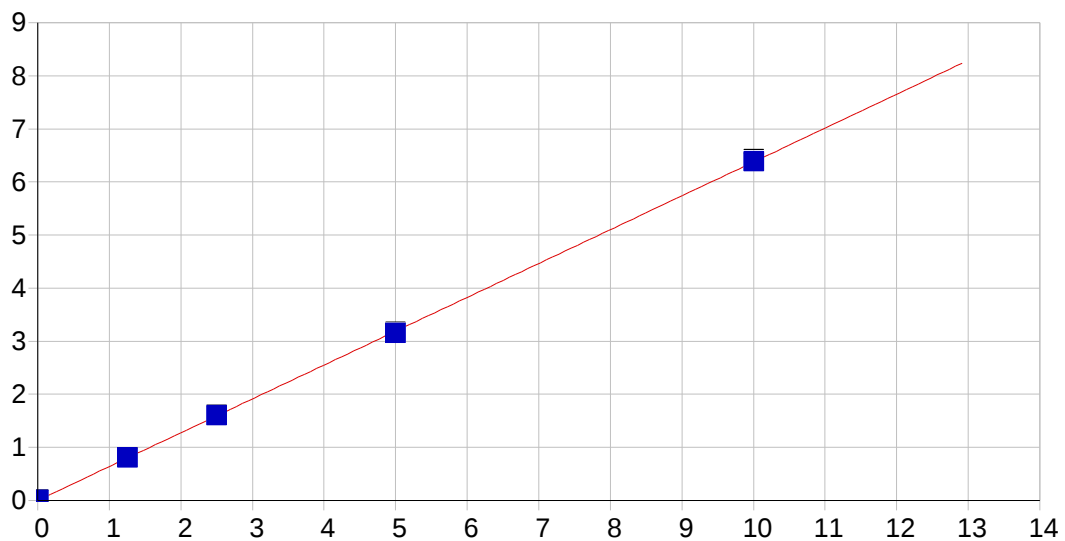


B 249.678 {135}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002163 Re-Slope: 1.000000
 A1 (Gain): 0.413699 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998840 Status: OK.
 Std Error of Est: 0.000330
 Predicted MDL: 0.000803
 Predicted MQL: 0.002676

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00216	.000	1
S1	.01000	.01089	.001	8.88	.00668	.000	1
S2	1.2500	1.3686	.119	9.49	.56187	.003	1
S3	2.5000	2.6787	.179	7.15	1.0974	.007	1
S4	5.0000	5.1047	.105	2.09	2.0881	.012	1
S5	10.000	9.5972	-.403	-4.03	3.9207	.007	1

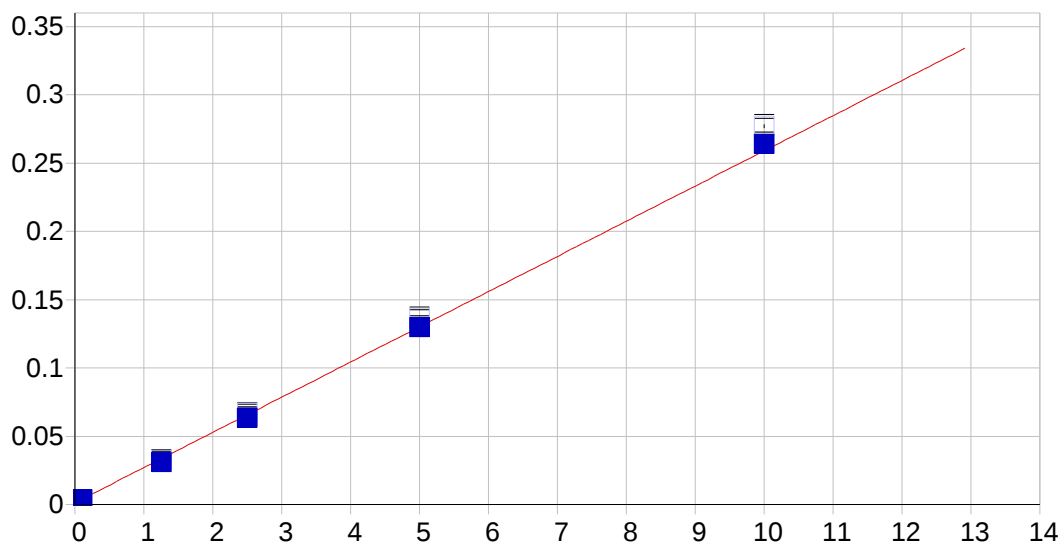


Mo 202.030 {467}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000594 Re-Slope: 1.000000
 A1 (Gain): 0.637616 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000071
 Predicted MDL: 0.000256
 Predicted MQL: 0.000853

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00059	.000	1
S1	.01000	.01010	.000	1.04	.00705	.000	1
S2	1.2500	1.2626	.013	1.01	.80639	.004	1
S3	2.5000	2.5190	.019	.761	1.6082	.007	1
S4	5.0000	4.9491	-.051	-1.02	3.1591	.018	1
S5	10.000	10.019	.019	.191	6.3947	.035	1

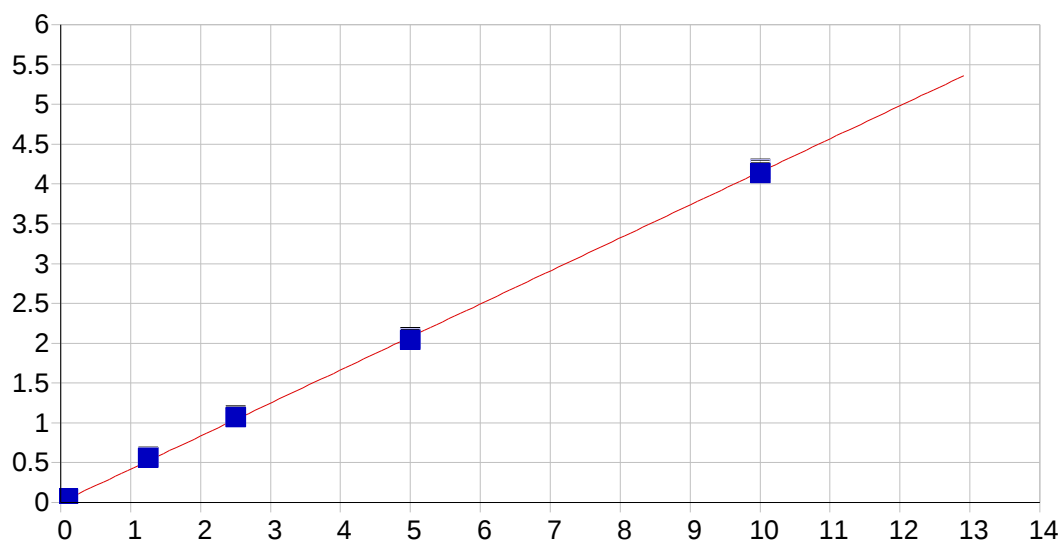


S 182.034 {485}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001233 Re-Slope: 1.000000
 A1 (Gain): 0.025779 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999622 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.003390
 Predicted MQL: 0.011299

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00123	.000	1
S1	.10000	.08590	-.014	-14.1	.00345	.000	1
S2	1.2500	1.1534	-.097	-7.73	.03260	.000	1
S3	2.5000	2.4224	-.078	-3.11	.06696	.001	1
S4	5.0000	4.9919	-.008	-.162	.13647	.001	1
S5	10.000	10.196	.196	1.96	.27717	.001	1

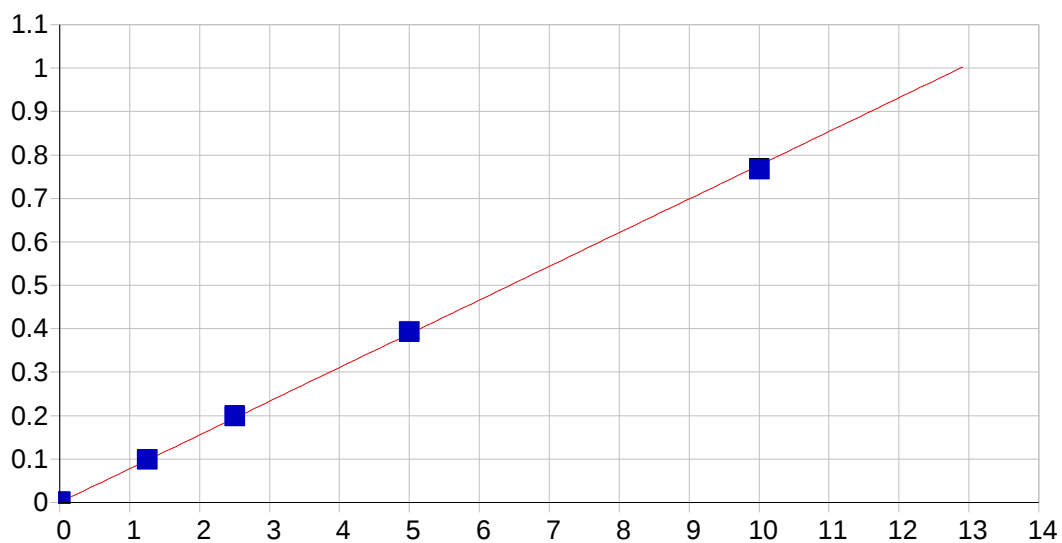


Si 251.611 {134}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004578 Re-Slope: 1.000000
 A1 (Gain): 0.414739 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999728 Status: OK.
 Std Error of Est: 0.000520
 Predicted MDL: 0.000816
 Predicted MQL: 0.002720

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00457	.000	1
S1	.10000	.10399	.004	3.99	.04786	.000	1
S2	1.2500	1.3410	.091	7.28	.56685	.003	1
S3	2.5000	2.5585	.058	2.34	1.0779	.008	1
S4	5.0000	4.8977	-.102	-2.05	2.0603	.015	1
S5	10.000	9.9488	-.051	-.512	4.1796	.008	1

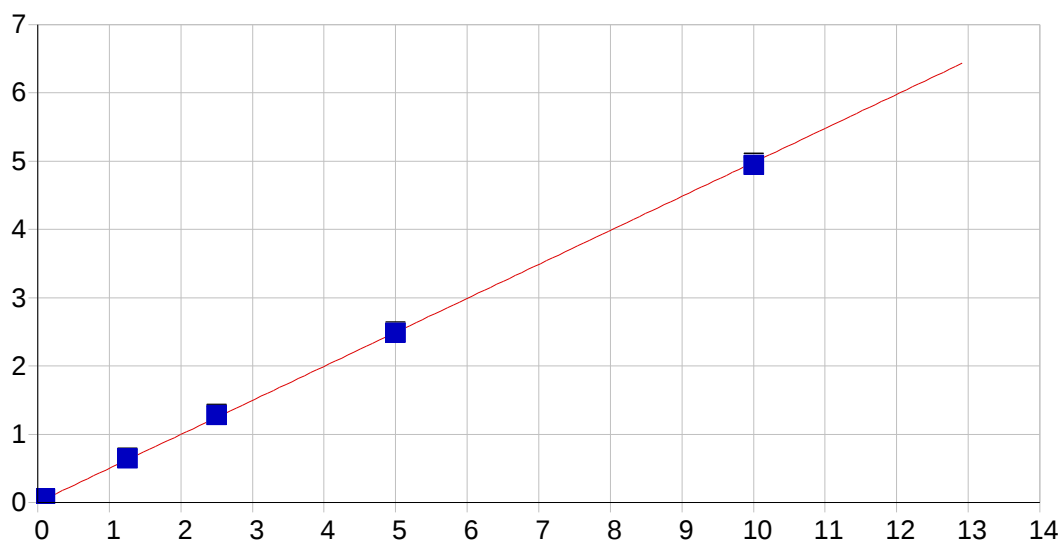


Sn 189.989 {478}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000202 Re-Slope: 1.000000
 A1 (Gain): 0.077623 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.001009
 Predicted MQL: 0.003363

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.00700	.00704	.000	.526	.00074	.000	1
S2	1.2500	1.2633	.013	1.06	.09819	.000	1
S3	2.5000	2.5559	.056	2.24	.19845	.001	1
S4	5.0000	5.0534	.053	1.07	.39216	.001	1
S5	10.000	9.8774	-.123	-1.23	.76630	.003	1

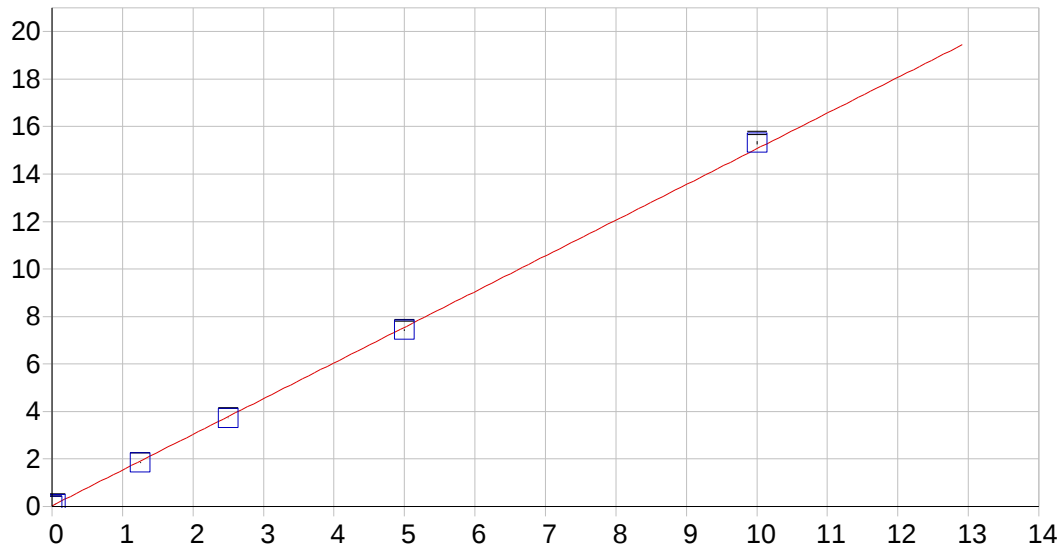


Ti 336.121 {100}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001781 Re-Slope: 1.000000
 A1 (Gain): 0.498065 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000353
 Predicted MDL: 0.000722
 Predicted MQL: 0.002407

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00178	.000	1
S1	.10000	.10396	.004	3.96	.05355	.001	1
S2	1.2500	1.2882	.038	3.06	.64320	.005	1
S3	2.5000	2.5576	.058	2.31	1.2752	.017	1
S4	5.0000	4.9774	-.023	-.453	2.4800	.021	1
S5	10.000	9.9228	-.077	-.772	4.9423	.028	1



Li 670.784 { 50}

Date of Fit: 11/14/2017 12:48:47 Type of Fit: Linear Weighting: 1/Conc

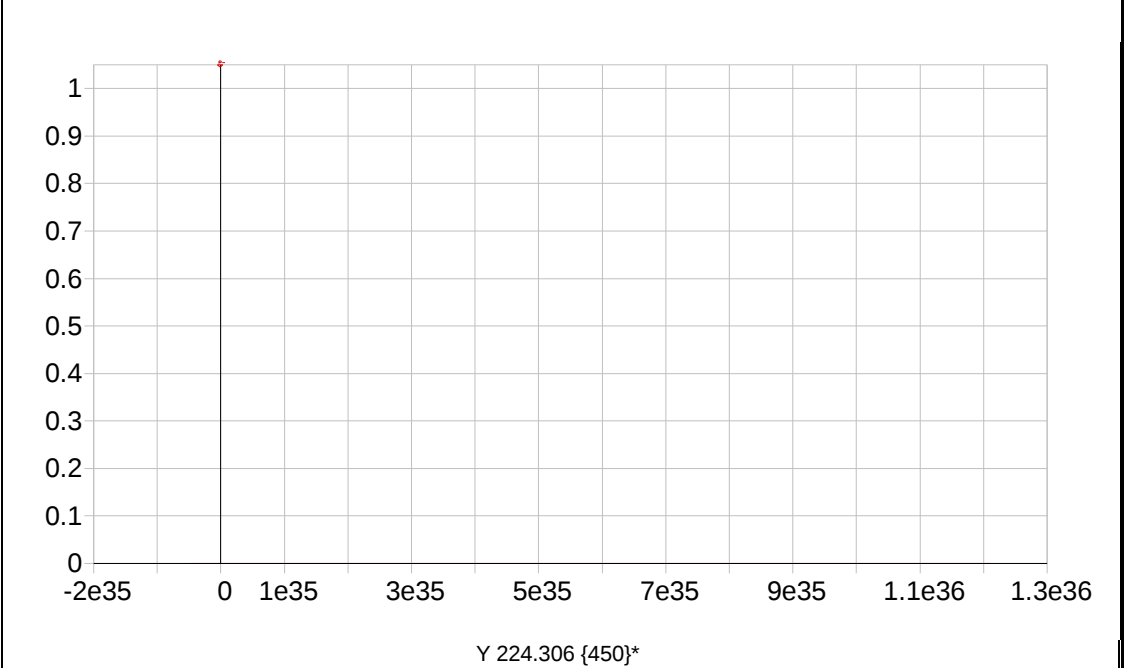
A0 (Offset): 0.032704 Re-Slope: 1.000000
 A1 (Gain): 1.503106 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999826 Status: OK.
 Std Error of Est: 0.001052
 Predicted MDL: 0.000729
 Predicted MQL: 0.002432

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.03271	.000	1
S5	10.000	10.170	.170	1.70	15.319	.077	1
S4	5.0000	4.9207	-.079	-1.59	7.4291	.042	1
S3	2.5000	2.4534	-.047	-1.87	3.7204	.012	1
S2	1.2500	1.2084	-.042	-3.32	1.8491	.008	1
S1	.05000	.04738	-.003	-5.25	.10391	.000	1

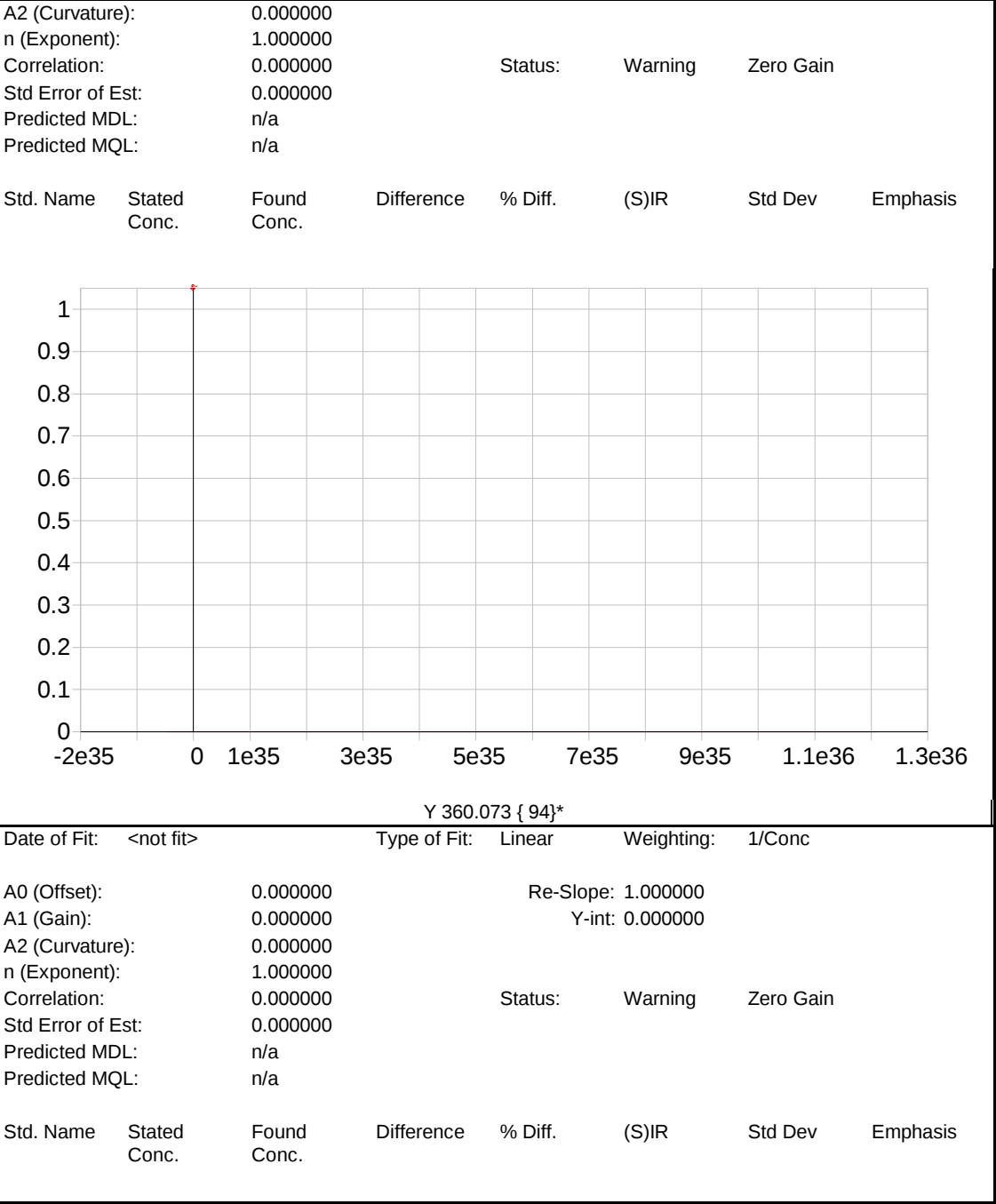


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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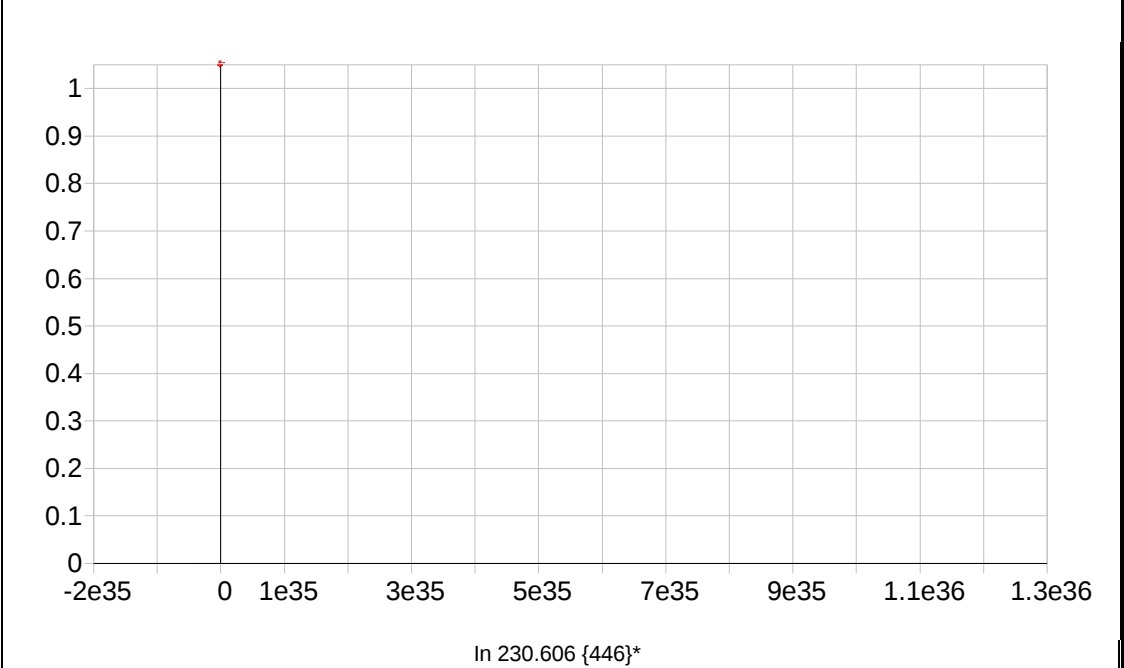
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



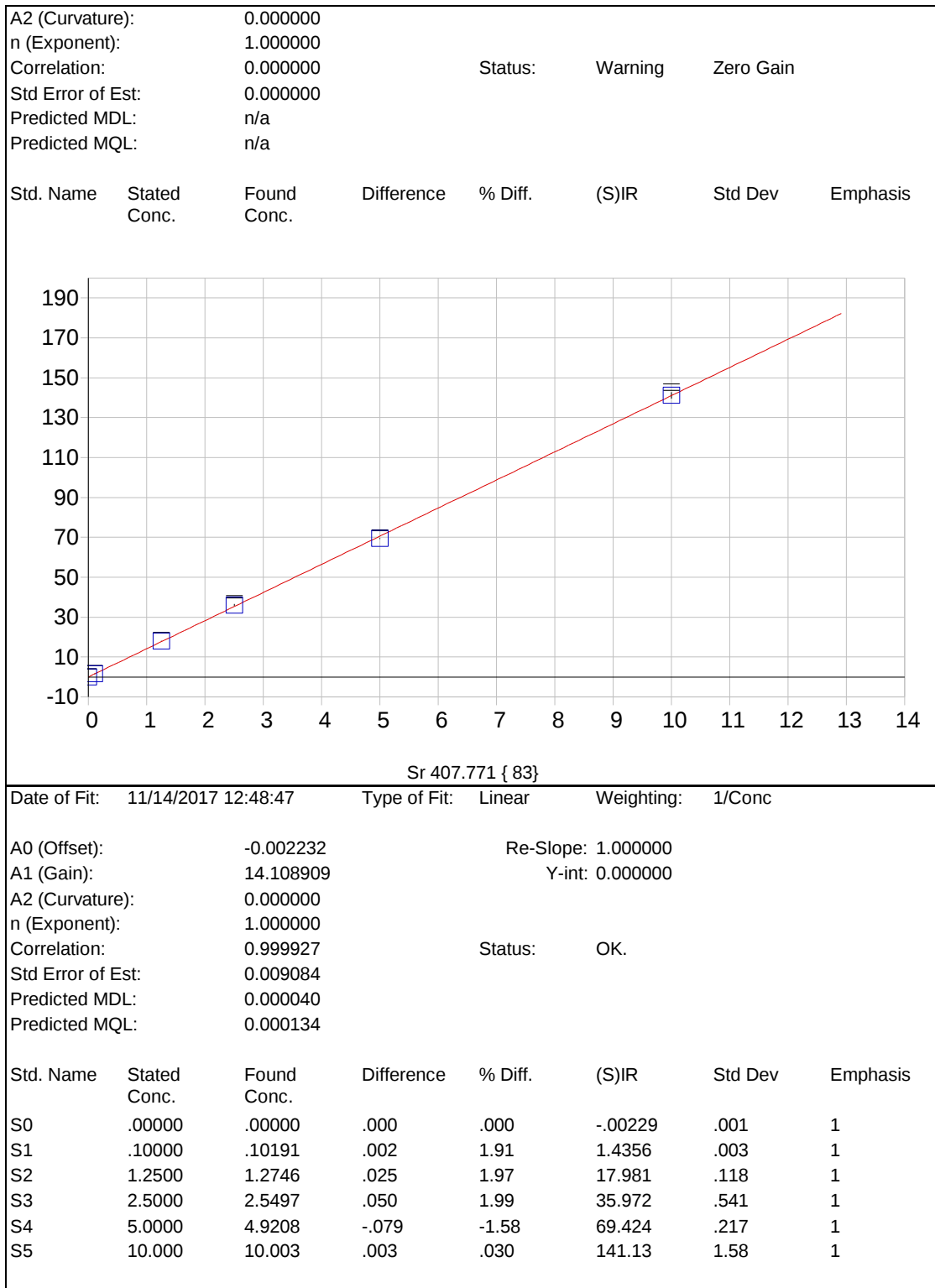


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



Sample Name: S0 Acquired: 11/14/2017 12:11:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00011	-.00019	-.00018	.00028	.00016	.00024	-.01686	-.00177
Stddev	.00001	.00003	.00016	.00011	.00011	.00033	.00051	.00009
%RSD	7.9204	15.569	87.686	38.948	67.383	139.56	3.0474	5.2358

#1	-.00010	-.00019	-.00003	.00024	.00004	.00057	-.01705	-.00183
#2	-.00011	-.00017	-.00016	.00019	.00021	.00024	-.01726	-.00166
#3	-.00012	-.00023	-.00035	.00040	.00024	-.00010	-.01628	-.00181

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00025	.00179	.00003	-.00011	.00090	.00000	-.00007	-.00012
Stddev	.00006	.00021	.00001	.00011	.00032	.0001	.00001	.00014
%RSD	25.701	11.494	44.720	97.970	35.648	155830.	10.378	122.70

#1	-.00024	.00201	.00003	-.00005	.00057	-.00008	-.00007	-.00026
#2	-.00019	.00173	.00002	-.00024	.00091	.00009	-.00007	-.00012
#3	-.00032	.00162	.00004	-.00005	.00121	-.00001	-.00008	.00003

Elem	Ni2316	Ag3280	Na8183	V_ 2924	Zn2138	K_ 7698	P_ 1774	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00090	-.00019	-.00748	-.00008	.00034	.02775	.00008	.00216
Stddev	.00006	.00002	.00115	.00006	.00026	.00083	.00007	.00001
%RSD	6.1884	11.560	15.356	82.174	76.404	2.9784	84.849	.29296

#1	-.00091	-.00020	-.00722	-.00011	.00007	.02868	.00011	.00217
#2	-.00084	-.00017	-.00649	.00000	.00037	.02712	.00013	.00216
#3	-.00096	-.00021	-.00874	-.00012	.00059	.02744	.00000	.00216

Elem	Mo2020	S_ 1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00059	.00123	.00457	.00020	.00178	.03271	-.00229	
Stddev	.00012	.00001	.00020	.00005	.00029	.00045	.00053	
%RSD	21.021	1.0125	4.3231	22.440	16.039	1.3872	23.266	

#1	.00064	.00124	.00452	.00025	.00210	.03240	-.00171	
#2	.00069	.00122	.00441	.00019	.00169	.03250	-.00242	
#3	.00045	.00124	.00479	.00016	.00155	.03323	-.00275	

Sample Name: S0 Acquired: 11/14/2017 12:11:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1484.1	2931.4	43939.	7475.9	4383.9
Stddev	5.3	4.3	164.	26.4	3.0
%RSD	.35397	.14605	.37274	.35366	.06771
#1	1479.5	2926.5	43902.	7447.7	4380.5
#2	1482.9	2933.9	43796.	7500.1	4385.7
#3	1489.8	2933.9	44118.	7479.8	4385.5

Sample Name: S1 Acquired: 11/14/2017 12:16:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00031	.00171	.00156	.00264	.01053	.01845	.91895	.01872
Stddev	.00009	.00007	.00015	.00013	.00016	.00047	.00187	.00059
%RSD	30.009	4.3542	9.8413	4.9204	1.5647	2.5687	.20382	3.1740

#1	.00029	.00163	.00159	.00261	.01051	.01830	.91922	.01833
#2	.00022	.00178	.00140	.00252	.01038	.01808	.92068	.01844
#3	.00041	.00170	.00170	.00278	.01071	.01899	.91696	.01941

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01043	.31059	.00140	.03955	.00623	.00249	.00815	.03940
Stddev	.00009	.00058	.00008	.00028	.00043	.00007	.00012	.00020
%RSD	.82624	.18771	5.7223	.69657	6.8521	2.6696	1.4632	.49641

#1	.01049	.31005	.00145	.03978	.00643	.00244	.00826	.03951
#2	.01048	.31121	.00144	.03924	.00653	.00257	.00802	.03918
#3	.01033	.31052	.00130	.03962	.00574	.00247	.00816	.03952

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01736	.00373	.03815	.00505	.01512	.18147	.00063	.00668
Stddev	.00009	.00016	.00109	.00025	.00044	.00109	.00006	.00045
%RSD	.54048	4.3635	2.8552	5.0066	2.9101	.59881	9.0249	6.7048

#1	.01726	.00383	.03880	.00522	.01476	.18070	.00062	.00630
#2	.01739	.00354	.03689	.00517	.01561	.18271	.00070	.00657
#3	.01744	.00382	.03875	.00476	.01499	.18100	.00058	.00717

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00705	.00345	.04786	.00074	.05355	.10391	1.4356	
Stddev	.00007	.00009	.00025	.00004	.00054	.00044	.0033	
%RSD	1.0016	2.6048	.52705	4.7595	1.0040	.42464	.22987	

#1	.00709	.00335	.04812	.00075	.05293	.10422	1.4393	
#2	.00710	.00350	.04783	.00077	.05392	.10412	1.4343	
#3	.00697	.00351	.04762	.00070	.05379	.10341	1.4331	

Sample Name: S1 Acquired: 11/14/2017 12:16:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1443.8	2880.3	42847.	7512.6	4190.1
Stddev	4.1	8.6	186.	39.5	9.5
%RSD	.28440	.29980	.43298	.52613	.22610
#1	1439.3	2871.0	42633.	7478.0	4181.8
#2	1445.0	2888.0	42960.	7504.0	4200.4
#3	1447.3	2882.0	42948.	7555.7	4188.1

Sample Name: S2 Acquired: 11/14/2017 12:20:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05740	.08817	1.1156	.08725	.21840	3.4420	11.594	.47849
Stddev	.00043	.00092	.0040	.00026	.00053	.0242	.054	.00150
%RSD	.75736	1.0389	.35530	.30123	.24153	.70393	.46422	.31404

#1	.05720	.08758	1.1133	.08699	.21824	3.4531	11.614	.48020
#2	.05710	.08769	1.1133	.08724	.21798	3.4587	11.635	.47738
#3	.05790	.08922	1.1202	.08752	.21899	3.4142	11.533	.47790

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3770	3.7976	.50870	.51733	.74189	.87897	1.9439	.48982
Stddev	.0055	.0130	.00088	.00174	.00427	.00491	.0136	.00264
%RSD	.40248	.34195	.17206	.33713	.57552	.55860	.69720	.53876

#1	1.3750	3.7994	.50965	.51640	.74369	.88088	1.9510	.49141
#2	1.3728	3.8096	.50794	.51624	.74498	.88265	1.9525	.49126
#3	1.3833	3.7838	.50851	.51934	.73702	.87340	1.9283	.48677

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.28952	.09913	.33995	.05929	.83813	1.1820	.04462	.56187
Stddev	.00063	.00033	.00351	.00035	.01058	.0094	.00060	.00285
%RSD	.21705	.32837	1.0331	.59483	1.2620	.79444	1.3409	.50812

#1	.28938	.09896	.33953	.05890	.84616	1.1822	.04437	.56474
#2	.28897	.09951	.34365	.05959	.84209	1.1912	.04419	.56183
#3	.29021	.09893	.33666	.05938	.82615	1.1724	.04531	.55903

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.80639	.03260	.56685	.09819	.64320	1.8491	17.981	
Stddev	.00408	.00033	.00263	.00047	.00515	.0078	.118	
%RSD	.50569	1.0105	.46433	.47456	.80064	.42114	.65601	

#1	.80387	.03233	.56972	.09783	.64510	1.8523	18.072	
#2	.80420	.03252	.56629	.09801	.64713	1.8548	18.023	
#3	.81109	.03297	.56455	.09871	.63737	1.8402	17.848	

Sample Name: S2 Acquired: 11/14/2017 12:20:11 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1349.9	2703.6	40272.	7437.4	3582.3
Stddev	9.1	3.3	141.	25.9	7.1
%RSD	.67273	.12187	.35119	.34884	.19784
#1	1344.1	2703.4	40171.	7412.1	3576.0
#2	1345.2	2706.9	40211.	7436.0	3589.9
#3	1360.4	2700.4	40433.	7464.0	3581.0

Sample Name: S3 Acquired: 11/14/2017 12:24:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.11800	.17175	2.2301	.17693	.44314	6.9736	23.254	.94854
Stddev	.00081	.00123	.0100	.00072	.00078	.0926	.182	.00436
%RSD	.68635	.71449	.44620	.40827	.17576	1.3286	.78193	.45925

#1	.11728	.17039	2.2193	.17636	.44283	6.8729	23.054	.94547
#2	.11785	.17277	2.2322	.17669	.44257	6.9926	23.300	.94663
#3	.11888	.17208	2.2388	.17774	.44403	7.0553	23.409	.95353

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7841	7.5702	.99555	1.0475	1.4758	1.7286	3.8085	.99320
Stddev	.0173	.0804	.00388	.0048	.0080	.0213	.0434	.01259
%RSD	.62077	1.0617	.38988	.45639	.54158	1.2299	1.1405	1.2673

#1	2.7651	7.4789	.99846	1.0424	1.4665	1.7052	3.7608	.97898
#2	2.7883	7.6012	.99114	1.0483	1.4804	1.7336	3.8190	.99773
#3	2.7989	7.6304	.99704	1.0519	1.4804	1.7468	3.8458	1.0029

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.58454	.20427	.69067	.11671	1.7153	2.3662	.09374	1.0974
Stddev	.00287	.00009	.00900	.00167	.0127	.0372	.00121	.0069
%RSD	.49115	.04583	1.3025	1.4273	.73973	1.5720	1.2916	.62492

#1	.58126	.20434	.68089	.11488	1.7028	2.3271	.09246	1.0901
#2	.58577	.20431	.69254	.11713	1.7150	2.3702	.09487	1.0982
#3	.58659	.20416	.69859	.11814	1.7282	2.4012	.09388	1.1037

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.6082	.06696	1.0779	.19845	1.2752	3.7204	35.972	
Stddev	.0066	.00070	.0082	.00137	.0170	.0124	.541	
%RSD	.41171	1.0500	.75877	.69224	1.3288	.33241	1.5042	

#1	1.6015	.06614	1.0693	.19686	1.2585	3.7061	35.402	
#2	1.6084	.06733	1.0788	.19928	1.2748	3.7278	36.035	
#3	1.6148	.06739	1.0855	.19920	1.2924	3.7272	36.478	

Sample Name: S3 Acquired: 11/14/2017 12:24:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1300.4	2568.4	39083.	7345.1	3311.1
Stddev	7.3	5.6	91.	40.6	4.9
%RSD	.56363	.21644	.23359	.55309	.14776
#1	1291.9	2569.4	39002.	7391.6	3315.4
#2	1304.7	2573.4	39065.	7327.0	3312.2
#3	1304.5	2562.4	39182.	7316.7	3305.8

Sample Name: S4 Acquired: 11/14/2017 12:27:53 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.23776	.32576	4.3699	.35427	.89558	13.927	44.935	1.8600
Stddev	.00134	.00117	.0180	.00167	.00598	.105	.520	.0123
%RSD	.56218	.35947	.41072	.47027	.66777	.75498	1.1571	.66265

#1	.23622	.32442	4.3541	.35235	.88872	13.900	44.514	1.8638
#2	.23864	.32661	4.3894	.35516	.89835	14.043	45.516	1.8700
#3	.23842	.32624	4.3663	.35530	.89968	13.838	44.775	1.8463

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.5003	14.824	1.9293	2.0733	2.8934	3.3089	7.2992	1.9751
Stddev	.0281	.105	.0059	.0100	.0127	.0231	.0507	.0139
%RSD	.51140	.70783	.30554	.48255	.44044	.69864	.69475	.70216

#1	5.4889	14.827	1.9361	2.0626	2.8933	3.2967	7.2848	1.9696
#2	5.5323	14.928	1.9258	2.0825	2.9061	3.3355	7.3555	1.9908
#3	5.4796	14.718	1.9260	2.0747	2.8807	3.2944	7.2572	1.9647

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1486	.42946	1.3669	.22639	3.5747	4.6868	.19153	2.0881
Stddev	.0046	.00115	.0136	.00187	.0185	.0302	.00076	.0119
%RSD	.39699	.26697	.99591	.82592	.51772	.64422	.39567	.56909

#1	1.1456	.42826	1.3694	.22563	3.5540	4.6906	.19075	2.0846
#2	1.1539	.42955	1.3791	.22852	3.5895	4.7150	.19226	2.1013
#3	1.1465	.43055	1.3522	.22502	3.5806	4.6550	.19159	2.0783

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.1591	.13647	2.0603	.39216	2.4800	7.4291	69.424	
Stddev	.0177	.00093	.0146	.00139	.0208	.0417	.217	
%RSD	.56201	.68440	.71044	.35358	.83769	.56072	.31190	

#1	3.1403	.13633	2.0550	.39143	2.4755	7.4418	69.217	
#2	3.1755	.13747	2.0768	.39376	2.5026	7.4628	69.649	
#3	3.1616	.13562	2.0490	.39129	2.4618	7.3825	69.407	

Sample Name: S4 Acquired: 11/14/2017 12:27:53 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1211.2	2416.4	37466.	7297.4	3040.5
Stddev	2.3	11.5	54.	44.4	11.0
%RSD	.19363	.47592	.14511	.60783	.36290
#1	1213.7	2429.7	37476.	7293.2	3053.2
#2	1210.8	2409.8	37515.	7255.3	3033.1
#3	1209.0	2409.8	37408.	7343.7	3035.3

Sample Name: S5 Acquired: 11/14/2017 12:31:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.50759	.62204	8.5524	.74009	1.9091	28.661	91.813	3.7403
Stddev	.00235	.00097	.0328	.00441	.0126	.149	.290	.0010
%RSD	.46379	.15558	.38394	.59579	.65960	.52100	.31602	.02614

#1	.50618	.62206	8.5605	.73728	1.9018	28.499	91.694	3.7408
#2	.50628	.62106	8.5164	.73781	1.9017	28.793	91.601	3.7409
#3	.51030	.62299	8.5805	.74517	1.9236	28.691	92.144	3.7392

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.789	29.036	3.7432	4.0891	5.9197	6.4728	14.215	3.9634
Stddev	.058	.201	.0095	.0151	.0187	.0525	.104	.0291
%RSD	.54103	.69270	.25503	.36969	.31611	.81074	.73073	.73493

#1	10.810	28.827	3.7542	4.0908	5.9400	6.4138	14.102	3.9315
#2	10.724	29.053	3.7386	4.0732	5.9157	6.4906	14.237	3.9701
#3	10.835	29.228	3.7368	4.1033	5.9033	6.5142	14.306	3.9886

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2453	.63123	2.8097	.45170	6.9230	9.7059	.39024	3.9207
Stddev	.0105	.00168	.0127	.00354	.0906	.0288	.00075	.0073
%RSD	.46904	.26586	.45274	.78423	1.3081	.29664	.19137	.18609

#1	2.2459	.63177	2.7964	.44761	6.8278	9.6792	.39065	3.9176
#2	2.2345	.62935	2.8218	.45383	6.9332	9.7364	.38938	3.9155
#3	2.2556	.63257	2.8109	.45366	7.0081	9.7019	.39069	3.9290

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	6.3947	.27717	4.1796	.76630	4.9423	15.319	141.13	
Stddev	.0354	.00144	.0076	.00260	.0282	.077	1.58	
%RSD	.55325	.51813	.18310	.33865	.57078	.50400	1.1184	

#1	6.3831	.27674	4.1741	.76670	4.9098	15.373	139.38	
#2	6.3666	.27601	4.1763	.76353	4.9600	15.354	141.55	
#3	6.4345	.27878	4.1883	.76868	4.9571	15.231	142.46	

Sample Name: S5 Acquired: 11/14/2017 12:31:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1056.7	2122.9	34721.	6998.0	2686.9
Stddev	6.4	13.6	84.	11.2	12.2
%RSD	.60134	.64037	.24264	.16042	.45413
#1	1058.9	2136.8	34689.	6998.3	2699.5
#2	1061.6	2122.2	34817.	7009.1	2686.1
#3	1049.5	2109.6	34658.	6986.6	2675.2

Sample Name: S6 Acquired: 11/14/2017 12:36:01 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	74.769	47.759	16.795	6.3581	7.6702
Stddev	.486	.251	.068	.0215	.0609
%RSD	.64974	.52536	.40196	.33860	.79431

#1	75.330	47.845	16.775	6.3538	7.6749
#2	74.494	47.956	16.870	6.3815	7.7287
#3	74.482	47.476	16.739	6.3391	7.6071

Int. Std.	Y_3710
Units	Cts/S
Avg	6798.4
Stddev	63.8
%RSD	.93805

#1	6730.0
#2	6809.0
#3	6856.2

Sample Name: ICV Acquired: 11/14/2017 12:40:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.000510	1.107560	1.094277	1.053428	.9871541	2.504287
Stddev	.004230	.007006	.007985	.002918	.0024091	.021807
%RSD	.4228316	.6325370	.7297162	.2770205	.2440469	.8707725

#1	.997026	1.099483	1.090626	1.050860	.9852114	2.517517
#2	.999286	1.111214	1.088769	1.056602	.9864013	2.479118
#3	1.005217	1.111983	1.103434	1.052824	.9898498	2.516225

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5427490	.5336683	.5207352	10.88101	F .5642989	.5251679
Stddev	.0034882	.0047701	.0036124	.07792	.0016987	.0030562
%RSD	.6426979	.8938241	.6937190	.7161114	.3010350	.5819420

#1	.5451525	.5387968	.5186674	10.93306	.5634167	.5229840
#2	.5387481	.5293640	.5186318	10.79143	.5662573	.5238592
#3	.5443465	.5328441	.5249064	10.91855	.5632228	.5286605

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5321062	F 5.864419	F .5703470	6.090224	.5384052	F .6511141
Stddev	.0035311	.047194	.0059143	.075107	.0039078	.0027678
%RSD	.6636097	.8047556	1.036958	1.233231	.7258123	.4250858

#1	.5343621	5.895405	.5739944	6.115730	.5359982	.6511448
#2	.5280369	5.810103	.5635232	6.005687	.5363032	.6483311
#3	.5339197	5.887748	.5735233	6.149257	.5429141	.6538664

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.38382	F .5681241	1.124976	9.982504	F .0020838	F .5468367
Stddev	.09237	.0025112	.007207	.101418	.0003257	.0075998
%RSD	.8895791	.4420103	.6406709	1.015953	15.63218	1.389768

#1	10.28384	.5710131	1.123700	10.05100	.0024590	.5526735
#2	10.40163	.5664640	1.132736	9.86600	.0018735	.5382434
#3	10.46600	.5668953	1.118491	10.03051	.0019189	.5495933

Sample Name: ICV Acquired: 11/14/2017 12:40:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .4938070	-.008616	.5374738	F .4658196	.4908504	.4245956
Stddev	.0029832	.001678	.0050117	.0022946	.0034141	.0017413
%RSD	.6041270	19.47250	.9324546	.4925988	.6955388	.4100957

#1	.4916196	-.008357	.5420997	.4635604	.4933433	.4261544
#2	.4925962	-.010409	.5321495	.4657505	.4869592	.4227164
#3	.4972053	-.007083	.5381723	.4681480	.4922487	.4249161

Elem	Sr4077
Units	ppm
Avg	.4786040
Stddev	.0045586
%RSD	.9524818

#1	.4819703
#2	.4734163
#3	.4804254

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1410.405	2796.264	42116.40	7620.459	3995.777
Stddev	3.237	7.493	46.20	76.406	11.518
%RSD	.2295185	.2679638	.1096947	1.002637	.2882576

#1	1407.662	2799.581	42079.58	7546.706	4003.739
#2	1409.579	2801.526	42168.24	7699.266	4001.022
#3	1413.976	2787.685	42101.38	7615.406	3982.570

Sample Name: ICB Acquired: 11/14/2017 12:44:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001565	.0011828	.0001215	-.000905	.0005633	-.004516	.0001077
Stddev	.0015445	.0005550	.0003836	.001350	.0008732	.005058	.0002218
%RSD	987.2335	46.92449	315.6453	149.0929	155.0007	112.0005	205.9913

#1	.0010669	.0014770	.0003105	.000653	.0013991	-.000033	.0003524
#2	.0010293	.0005426	.0003740	-.001697	.0006337	-.003515	-.000080
#3	-.001627	.0015289	-.000320	-.001672	-.000343	-.009999	.000051

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000267	-.000055	-.000271	-.000057	.0001461	.0006160	.0025900
Stddev	.0000451	.000053	.005794	.000467	.0001589	.0009945	.0015167
%RSD	169.0192	95.31192	2136.006	824.4293	108.7320	161.4352	58.56044

#1	.0000766	-.000024	-.002698	-.000058	.0000078	.0007500	.0013194
#2	.0000145	-.000116	-.004457	-.000523	.0003196	.0015368	.0021815
#3	-.000011	-.000026	.006341	.000411	.0001109	-.000439	.0042692

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000116	.0061747	.0001331	.0043977	.0393481	-.002080	.0000381
Stddev	.000033	.0097366	.0000860	.0002287	.1348924	.001582	.0027581
%RSD	28.61938	157.6849	64.61996	5.201180	342.8182	76.09113	7248.922

#1	-.000078	.0172927	.0002307	.0044849	.0323156	-.000254	.0008036
#2	-.000128	-.000831	.0000687	.0041382	.1776192	-.002928	-.003022
#3	-.000142	.002063	.0000997	.0045700	-.091891	-.003057	.002332

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1906291	.0006682	.0019486	.0000615	-.008595	-.002409	-.000380
Stddev	.0542721	.0008326	.0006961	.0001799	.000925	.000500	.000461
%RSD	28.46998	124.6057	35.72442	292.7546	10.75672	20.74410	121.3424

#1	.1959917	.0015627	.0020818	.0001516	-.009362	-.002247	-.000380
#2	.1338748	.0005262	.0025684	.0001785	-.008855	-.002011	-.000841
#3	.2420208	-.000084	.0011955	-.000146	-.007569	-.002970	.000081

Sample Name: ICB Acquired: 11/14/2017 12:44:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000707	.0151285	-.000036
Stddev	.000778	.0005355	.000048
%RSD	110.1342	3.539626	131.1987

#1	-.000396	.0156987	-.000040
#2	-.001593	.0150506	-.000083
#3	-.000132	.0146363	.000013

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1462.120	2907.399	43621.19	7606.420	4329.938
Stddev	15.180	28.670	426.04	50.097	30.238
%RSD	1.038249	.9861087	.9766766	.6586154	.6983456

#1	1467.914	2910.142	43871.82	7663.143	4327.793
#2	1473.550	2934.599	43862.47	7568.229	4361.191
#3	1444.896	2877.456	43129.27	7587.889	4300.829

Sample Name: ICSA Acquired: 11/14/2017 12:52:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008201	.0092022	-.003023	-.006509	.0061490	247.1346
Stddev	.000577	.0026925	.001040	.003755	.0013011	1.1858
%RSD	7.030349	29.25895	34.41387	57.69682	21.15950	.4798006

#1	-.008201	.0061413	-.001838	-.003343	.0071568	248.0296
#2	-.007624	.0102610	-.003786	-.010658	.0066101	247.5843
#3	-.008777	.0112042	-.003444	-.005525	.0046802	245.7897

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068829	.0010842	-.000372	251.7769	.0549331	.0007008
Stddev	.0000421	.0000662	.000076	.7974	.0006249	.0001444
%RSD	.6115326	6.109233	20.30778	.3167048	1.137485	20.60890

#1	.0069310	.0010427	-.000444	252.3897	.0555518	.0005859
#2	.0068654	.0011606	-.000293	252.0657	.0543023	.0006536
#3	.0068525	.0010493	-.000380	250.8754	.0549451	.0008630

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028953	106.5175	.0174766	260.0974	.0039017	.0015454
Stddev	.0016980	.5161	.0009378	1.0958	.0004780	.0005745
%RSD	58.64639	.4845248	5.366134	.4213023	12.25012	37.17469

#1	.0047866	106.9125	.0177870	260.8704	.0035329	.0019049
#2	.0015022	106.7063	.0182199	260.5784	.0037305	.0018485
#3	.0023970	105.9335	.0164230	258.8434	.0044416	.0008828

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3184947	.0019899	-.022503	.0826251	-.004338	F -.286417
Stddev	.1310416	.0021598	.000731	.0211684	.004157	.002049
%RSD	41.14403	108.5390	3.247585	25.61982	95.82404	.7153298

#1	.2403227	.0043867	-.021790	.1017076	-.003934	-.287867
#2	.4697802	.0013881	-.023251	.0598553	-.008682	-.284073
#3	.2453811	.0001948	-.022467	.0863124	-.000398	-.287310

Sample Name: ICSA Acquired: 11/14/2017 12:52:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018817	.0099732	-.003041	.0011804	-.001530	.0127729
Stddev	.0007004	.0025800	.002572	.0013599	.001132	.0005482
%RSD	37.22428	25.86907	84.58073	115.2010	73.97227	4.291576

#1	.0010769	.0106758	-.003980	.0012687	-.002161	.0132686
#2	.0022141	.0071147	-.005013	-.000221	-.002205	.0128659
#3	.0023540	.0121291	-.000132	.002494	-.000223	.0121841

Elem	Sr4077
Units	ppm
Avg	.1064443
Stddev	.0005822
%RSD	.5469152

#1	.1069339
#2	.1065985
#3	.1058006

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1257.144	2495.377	37448.86	7190.882	3165.886
Stddev	11.624	17.064	254.30	18.440	13.258
%RSD	.9245976	.6838370	.6790696	.2564349	.4187698

#1	1258.675	2479.703	37576.54	7169.598	3150.855
#2	1244.831	2513.555	37156.01	7202.055	3175.918
#3	1267.926	2492.874	37614.03	7200.992	3170.884

Sample Name: ICSAB Acquired: 11/14/2017 12:56:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0890998	.1189046	.0510166	.0450393	.5752355	247.6814
Stddev	.0007438	.0040787	.0006942	.0020113	.0005977	.6787
%RSD	.8348400	3.430226	1.360831	4.465576	.1039093	.2740397

#1	.0882733	.1144515	.0506124	.0437031	.5758912	248.4446
#2	.0893108	.1224590	.0506192	.0440623	.5747211	247.4544
#3	.0897154	.1198033	.0518183	.0473524	.5750941	247.1453

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5424217	.5247910	1.063589	253.0286	.5830441	.5250459
Stddev	.0020335	.0042807	.001711	.4824	.0006366	.0020891
%RSD	.3748828	.8157030	.1609009	.1906309	.1091896	.3978874

#1	.5445758	.5288906	1.062375	252.8041	.5836204	.5247265
#2	.5421540	.5251329	1.062847	253.5822	.5823607	.5231349
#3	.5405354	.5203496	1.065546	252.6993	.5831511	.5272763

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5085271	106.9783	.5524261	261.3585	1.055599	F .2811807
Stddev	.0022652	.2700	.0002363	.7907	.003512	.0010681
%RSD	.4454384	.2524168	.0427726	.3025298	.3326748	.3798494

#1	.5109012	107.1630	.5524381	262.1006	1.053414	.2821503
#2	.5082908	107.1035	.5526561	261.4480	1.053734	.2800359
#3	.5063894	106.6684	.5521840	260.5268	1.059650	.2813559

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2951730	.5308285	1.120298	-.059594	-.001835	F .4115488
Stddev	.0592076	.0025580	.001228	.022102	.002948	.0046850
%RSD	20.05862	.4818960	.1096398	37.08791	160.6750	1.138395

#1	.2402933	.5298756	1.120589	-.034165	.001240	.4162380
#2	.2873040	.5337262	1.121355	-.070430	-.004637	.4115405
#3	.3579216	.5288836	1.118951	-.074187	-.002108	.4068679

Sample Name: ICSAB Acquired: 11/14/2017 12:56:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .6128151	.0038340	.5639354	F .6294405	.6301658	.0084989
Stddev	.0015536	.0064362	.0058975	.0026645	.0020433	.0005049
%RSD	.2535150	167.8722	1.045772	.4233154	.3242543	5.940653

#1	.6121564	.0020943	.5706170	.6285599	.6321400	.0089751
#2	.6116993	-.001554	.5617338	.6273278	.6302976	.0079696
#3	.6145894	.010961	.5594555	.6324339	.6280597	.0085519

Elem	Sr4077
Units	ppm
Avg	.1098982
Stddev	.0006531
%RSD	.5942664

#1	.1106296
#2	.1096914
#3	.1093735

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1267.041	2506.762	37817.66	7254.724	3177.965
Stddev	3.641	8.602	35.89	58.595	10.126
%RSD	.2873570	.3431655	.0949116	.8076850	.3186463

#1	1265.164	2512.215	37841.36	7205.648	3180.867
#2	1271.238	2511.226	37835.25	7238.924	3186.323
#3	1264.722	2496.845	37776.36	7319.599	3166.704

Sample Name: CCV070 Acquired: 11/14/2017 13:00:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV070 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.859111	4.737970	24.28500	4.967795	4.808496	391.5831
Stddev	.008787	.010154	.01310	.006951	.002773	2.0677
%RSD	.1808266	.2143084	.0539632	.1399200	.0576712	.5280337

#1	4.869249	4.727720	24.27040	4.963396	4.806326	393.7995
#2	4.854378	4.738165	24.29575	4.964180	4.811620	389.7061
#3	4.853705	4.748025	24.28883	4.975809	4.807541	391.2435

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.992628	.5096216	2.545366	397.7438	15.32524	2.491766
Stddev	.149109	.0022559	.001614	.9954	.09121	.001580
%RSD	1.492186	.4426578	.0633985	.2502620	.5951335	.0634206

#1	10.11278	.5121140	2.547216	398.7065	15.28875	2.493411
#2	10.03936	.5090314	2.544248	396.7186	15.25792	2.491627
#3	9.82575	.5077196	2.544634	397.8064	15.42904	2.490260

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.62233	405.6300	14.73560	399.7647	2.480655	F 1.064408
Stddev	.03377	1.2171	.03301	.7349	.002567	.003314
%RSD	.2309542	.3000409	.2240395	.1838350	.1034628	.3113567

#1	14.58505	407.0352	14.76893	400.6130	2.483346	1.064186
#2	14.63108	404.9427	14.70292	399.3615	2.478235	1.061211
#3	14.65087	404.9121	14.73495	399.3197	2.480383	1.067828

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	396.3871	2.488510	15.27614	149.9737	5.075494	F 4.239157
Stddev	.2679	.013228	.04717	.5289	.061426	.023317
%RSD	.0675757	.5315804	.3087629	.3526554	1.210256	.5500498

#1	396.5811	2.503370	15.23523	150.0078	5.024032	4.261631
#2	396.0815	2.478018	15.26548	150.4847	5.058954	4.240761
#3	396.4987	2.484142	15.32773	149.4286	5.143498	4.215079

Sample Name: CCV070 Acquired: 11/14/2017 13:00:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV070 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.821938	5.162334	5.009995	4.931924	4.968996	4.974326
Stddev	.001851	.002209	.030543	.015069	.006241	.006934
%RSD	.0383911	.0427810	.6096349	.3055355	.1256012	.1393901

#1	4.819830	5.160322	5.043103	4.918407	4.972336	4.967930
#2	4.822685	5.161983	5.003966	4.929193	4.972855	4.981695
#3	4.823299	5.164696	4.982917	4.948171	4.961795	4.973354

Elem	Sr4077
Units	ppm
Avg	5.197926
Stddev	.005121
%RSD	.0985245

#1	5.196863
#2	5.193420
#3	5.203496

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1142.045	2270.806	35391.07	6976.796	2776.023
Stddev	2.857	3.889	188.64	45.596	5.165
%RSD	.2501930	.1712388	.5330259	.6535354	.1860531

#1	1144.743	2270.757	35387.18	6924.147	2777.373
#2	1142.342	2274.718	35581.63	7003.254	2780.378
#3	1139.051	2266.942	35204.40	7002.988	2770.316

Sample Name: CCB070 Acquired: 11/14/2017 13:04:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB070 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000526	-.000126	.0003035	-.001141	-.001147	-.003390	.0001070
Stddev	.001574	.000244	.0009587	.001989	.000865	.003800	.0001473
%RSD	299.0277	194.0296	315.8571	174.3669	75.42441	112.1140	137.6142

#1	.001288	-.000392	.0004780	.000697	-.001017	-.007762	.0001540
#2	-.001349	.000086	.0011630	-.000867	-.000354	-.000877	.0002251
#3	-.001518	-.000070	-.000730	-.003253	-.002070	-.001531	-.000058

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000025	.0000018	.0026774	-.000237	-.000118	-.000904	.0023068
Stddev	.000011	.0000260	.0097916	.000191	.000115	.001862	.0085167
%RSD	43.35428	1478.997	365.7089	80.54137	97.38120	206.0204	369.2075

#1	-.000032	-.000024	.0028025	-.000096	-.000223	.001183	-.003225
#2	-.000029	.000002	-.007176	-.000161	-.000136	-.002395	.012114
#3	-.000012	.000028	.012406	-.000454	.000005	-.001499	-.001969

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003372	.0054100	.0000919	.0001207	.0862249	-.000079	-.001153
Stddev	.0001524	.0083334	.0005018	.0003011	.0383170	.001098	.004501
%RSD	45.18519	154.0376	545.6770	249.4941	44.43849	1385.535	390.2819

#1	.0003373	.0150120	.0005076	-.000065	.0419802	-.000994	.003363
#2	.0001848	.0000646	-.000465	-.000041	.1083159	-.000382	-.001185
#3	.0004895	.0011533	.000234	.000468	.1083786	.001139	-.005638

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2652111	-.000630	.0037007	.0006908	-.011002	-.002411	.0000854
Stddev	.0119399	.000543	.0002105	.0002867	.000953	.000571	.0003913
%RSD	4.502031	86.19164	5.689301	41.49481	8.663245	23.67957	458.1912

#1	.2555176	-.001111	.0038831	.0006741	-.011540	-.002124	.0003534
#2	.2785483	-.000041	.0037488	.0009854	-.009902	-.002040	.0002666
#3	.2615674	-.000737	.0034703	.0004129	-.011565	-.003068	-.000364

Sample Name: CCB070 Acquired: 11/14/2017 13:04:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB070 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000630	.0157873	-.000069
Stddev	.000203	.0002693	.000022
%RSD	32.17164	1.705985	31.44234

#1	-.000593	.0155395	-.000087
#2	-.000849	.0157484	-.000045
#3	-.000448	.0160739	-.000074

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1453.799	2882.693	43467.57	7441.839	4309.257
Stddev	4.040	10.423	232.39	25.145	3.369
%RSD	.2778636	.3615604	.5346173	.3378920	.0781871

#1	1449.204	2870.844	43199.26	7416.125	4305.388
#2	1456.790	2886.795	43604.52	7466.374	4310.838
#3	1455.403	2890.441	43598.95	7443.018	4311.545

Sample Name: I6246-10A Acquired: 11/14/2017 13:37:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDXL4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035149	.0500149	.0231382	.0002612	.0001925	.3055937	.0587831
Stddev	.0021652	.0008480	.0016195	.0012305	.0015985	.0002826	.0003011
%RSD	61.60063	1.695533	6.999157	471.0471	830.5512	.0924809	.5122434

#1	.0011837	.0505705	.0212917	.0000918	-.001564	.3058754	.0590391
#2	.0038980	.0504353	.0238054	-.000876	.000579	.3053102	.0584514
#3	.0054629	.0490387	.0243175	.001568	.001562	.3055955	.0588589

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001229	.0001153	59.74981	.0007045	.0000440	.0078187	2.035586
Stddev	.0000623	.0000258	.28971	.0000569	.0002565	.0009846	.016200
%RSD	50.69227	22.36341	.4848639	8.070222	582.4777	12.59330	.7958303

#1	.0001948	.0000955	59.84922	.0006541	-.000230	.0089193	2.053004
#2	.0000860	.0001445	59.42349	.0006934	.000278	.0070215	2.020970
#3	.0000879	.0001060	59.97672	.0007661	.000085	.0075152	2.032783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3953751	16.22696	.0018568	.0003085	25.74646	.0040886	.0807255
Stddev	.0024028	.05029	.0003327	.0001517	.32042	.0006354	.0034036
%RSD	.6077316	.3099143	17.91704	49.15006	1.244513	15.54005	4.216281

#1	.3980592	16.25495	.0015213	.0002200	25.85531	.0047141	.0814517
#2	.3934245	16.16890	.0021866	.0002220	25.38580	.0034438	.0770174
#3	.3946416	16.25703	.0018625	.0004836	25.99827	.0041079	.0837074

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.785169	.1098402	.1520755	.0005107	11.14069	10.28422	-.003142
Stddev	.079198	.0021189	.0017170	.0000815	.05921	.02000	.001382
%RSD	2.843549	1.929035	1.129022	15.96594	.5314473	.1944659	43.99194

#1	2.852182	.1089791	.1539342	.0004770	11.16302	10.30139	-.003574
#2	2.697772	.1122540	.1517432	.0004514	11.07356	10.28901	-.004257
#3	2.805552	.1082875	.1505489	.0006037	11.18548	10.26226	-.001596

Sample Name: I6246-10A Acquired: 11/14/2017 13:37:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDXL4A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0091322	-.018708	.1849087
Stddev	.0002734	.000323	.0010247
%RSD	2.993882	1.725518	.5541890

#1	.0091237	-.018832	.1855920
#2	.0094098	-.018341	.1837305
#3	.0088632	-.018950	.1854038

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1315.765	2586.573	39698.52	7404.080	3715.688
Stddev	2.275	3.667	123.26	9.690	4.509
%RSD	.1729352	.1417643	.3104897	.1308690	.1213484

#1	1315.570	2582.542	39750.90	7414.346	3711.234
#2	1318.132	2587.465	39786.94	7395.093	3715.581
#3	1313.594	2589.711	39557.72	7402.801	3720.250

Sample Name: I6288-01 Acquired: 11/14/2017 13:45:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0F31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0271614	.0172570	.4075167	-.001176	.0025219	84.41277	.3704591
Stddev	.0006000	.0004233	.0002987	.004164	.0003689	.70868	.0012932
%RSD	2.209017	2.453148	.0733008	353.9545	14.62638	.8395401	.3490667

#1	.0276996	.0169879	.4076283	-.004511	.0022589	83.65722	.3691078
#2	.0265145	.0170381	.4071782	-.002510	.0023631	85.06273	.3716849
#3	.0272701	.0177449	.4077435	.003491	.0029435	84.51838	.3705847

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032627	-.000315	6.671110	.1389933	.0118916	.1557176	127.4369
Stddev	.0001060	.000062	.049744	.0010888	.0002217	.0016861	.9739
%RSD	3.249677	19.62340	.7456579	.7833586	1.864152	1.082785	.7642351

#1	.0032184	-.000244	6.614784	.1379953	.0116507	.1572270	126.3886
#2	.0031860	-.000355	6.709016	.1401545	.0120870	.1560281	128.3137
#3	.0033837	-.000347	6.689531	.1388301	.0119369	.1538979	127.6083

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3447783	1.950002	.0320121	.0012424	.5480323	.2290541	.2924441
Stddev	.0031270	.024358	.0003456	.0003017	.0998003	.0033580	.0047367
%RSD	.9069635	1.249133	1.079551	24.27962	18.21067	1.466044	1.619705

#1	.3414988	1.922568	.0322027	.0014139	.5122522	.2263874	.2897259
#2	.3477265	1.958347	.0316132	.0014193	.6607903	.2328253	.2896929
#3	.3451095	1.969091	.0322205	.0008941	.4710543	.2279497	.2979136

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.552836	1.515758	-.322653	.0038856	.4850087	12.15771	.0232948
Stddev	.035221	.012346	.001431	.0002046	.0041700	.05807	.0011617
%RSD	2.268181	.8144940	.4435234	5.264481	.8597729	.4776287	4.987111

#1	1.550898	1.506020	-.321562	.0036721	.4875356	12.10743	.0219608
#2	1.518623	1.529644	-.324273	.0040799	.4872948	12.22127	.0238398
#3	1.588986	1.511611	-.322124	.0039049	.4801956	12.14444	.0240839

Sample Name: I6288-01 Acquired: 11/14/2017 13:45:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0F31 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9511045	.0241331	.0629519
Stddev	.0081256	.0002703	.0005124
%RSD	.8543312	1.119986	.8140146

#1	.9417648	.0240193	.0624747
#2	.9565502	.0239383	.0634935
#3	.9549986	.0244417	.0628877

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1400.983	2766.694	42297.63	7810.127	3718.305
Stddev	6.589	17.279	90.96	29.088	18.229
%RSD	.4702953	.6245340	.2150455	.3724347	.4902399

#1	1394.361	2760.335	42198.13	7825.074	3713.289
#2	1407.538	2786.252	42376.51	7776.605	3738.517
#3	1401.050	2753.496	42318.24	7828.702	3703.110

Sample Name: I6288-02 Acquired: 11/14/2017 13:50:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0F31D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0306111	.0197144	.4072657	-.000728	.0043404	84.18657	.3690129
Stddev	.0031651	.0009122	.0014981	.003077	.0007208	.10299	.0009429
%RSD	10.33986	4.627283	.3678542	422.4349	16.60714	.1223368	.2555282

#1	.0275016	.0192749	.4083550	-.004118	.0037741	84.12390	.3680269
#2	.0338291	.0207632	.4055572	.001890	.0051518	84.30544	.3699059
#3	.0305024	.0191051	.4078849	.000043	.0040953	84.13039	.3691057

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031631	-.000249	6.656526	.1381475	.0120699	.1564715	127.1289
Stddev	.0000495	.000060	.013940	.0004178	.0002253	.0012616	.2130
%RSD	1.565163	24.04518	.2094138	.3024424	1.866675	.8063006	.1675158

#1	.0031775	-.000263	6.652675	.1380883	.0119826	.1551536	127.0205
#2	.0031079	-.000183	6.671986	.1377625	.0119013	.1576681	127.3742
#3	.0032038	-.000301	6.644916	.1385918	.0123258	.1565929	126.9919

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3438090	1.957098	.0317216	.0010851	.4802076	.2270568	.2918048
Stddev	.0011196	.010555	.0002920	.0003522	.0761282	.0052102	.0038352
%RSD	.3256560	.5393126	.9206123	32.45754	15.85318	2.294674	1.314306

#1	.3429973	1.965631	.0314967	.0013043	.4188244	.2210826	.2919044
#2	.3450863	1.945295	.0316163	.0006788	.5653930	.2294295	.2955892
#3	.3433433	1.960368	.0320516	.0012721	.4564054	.2306584	.2879208

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.540025	1.509816	-.321275	.0038622	.4815842	12.12087	.0241208
Stddev	.018451	.027880	.001987	.0001840	.0094484	.04005	.0013358
%RSD	1.198074	1.846596	.6183268	4.764442	1.961939	.3303965	5.538036

#1	1.530146	1.525297	-.319871	.0040124	.4834004	12.11176	.0236786
#2	1.528617	1.526520	-.323548	.0036569	.4899928	12.16468	.0230621
#3	1.561312	1.477630	-.320406	.0039172	.4713596	12.08616	.0256216

Sample Name: I6288-02 Acquired: 11/14/2017 13:50:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0F31D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9461291	.0234216	.0629402
Stddev	.0022297	.0004094	.0000676
%RSD	.2356609	1.747836	.1073243

#1	.9451206	.0229490	.0630009
#2	.9486848	.0236537	.0628674
#3	.9445819	.0236622	.0629522

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1396.062	2773.383	42371.54	7821.282	3722.591
Stddev	12.700	8.068	183.79	46.907	7.846
%RSD	.9097340	.2909063	.4337626	.5997397	.2107692

#1	1382.451	2764.355	42168.72	7779.168	3715.458
#2	1398.140	2779.886	42418.85	7812.842	3730.995
#3	1407.595	2775.910	42527.05	7871.837	3721.320

Sample Name: I6288-03 Acquired: 11/14/2017 13:54:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0F31S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1171332	.1676696	.4487659	.1134114	.2278659	89.68749	5.622566
Stddev	.0028566	.0016740	.0017197	.0039027	.0018886	.32724	.003068
%RSD	2.438782	.9983621	.3832100	3.441156	.8288134	.3648640	.0545620

#1	.1198648	.1680693	.4468267	.1124052	.2300423	89.42270	5.622698
#2	.1173687	.1658320	.4493652	.1101105	.2268971	90.05334	5.625565
#3	.1141662	.1691075	.4501057	.1177187	.2266583	89.58645	5.619434

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1256863	.1244844	6.662517	.6704096	1.308425	.7820718	130.4985
Stddev	.0008329	.0007308	.033938	.0056878	.006234	.0020487	.5549
%RSD	.6626745	.5870925	.5093822	.8484062	.4764128	.2619552	.4252449

#1	.1266381	.1240290	6.639900	.6747931	1.307421	.7844374	130.2201
#2	.1250911	.1240969	6.701541	.6639824	1.302754	.7808769	131.1376
#3	.1253298	.1253274	6.646112	.6724535	1.315100	.7809012	130.1380

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.684546	1.907494	1.341440	.0009150	.5872432	1.600780	1.624417
Stddev	.009238	.025505	.005324	.0003214	.1552534	.009733	.034908
%RSD	.5483697	1.337080	.3969125	35.12652	26.43766	.6079981	2.148956

#1	1.680524	1.881629	1.342074	.0005912	.4337626	1.597281	1.639768
#2	1.695113	1.908231	1.335826	.0012339	.7442106	1.611778	1.649020
#3	1.678002	1.932622	1.346418	.0009199	.5837563	1.593280	1.584464

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.564499	1.500675	-.331384	.0032333	.4561424	12.23903	.0232108
Stddev	.024757	.017051	.001806	.0002788	.0071738	.05541	.0006406
%RSD	1.582429	1.136206	.5451278	8.623104	1.572714	.4527282	2.759743

#1	1.573768	1.520239	-.331718	.0030617	.4634102	12.28797	.0235711
#2	1.583285	1.488981	-.329433	.0030832	.4490664	12.17887	.0235900
#3	1.536445	1.492805	-.333000	.0035550	.4559507	12.25024	.0224712

Sample Name: I6288-03 Acquired: 11/14/2017 13:54:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0F31S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9547332	.0227732	.0627530
Stddev	.0050859	.0000598	.0004109
%RSD	.5327012	.2627471	.6548108

#1	.9502821	.0227219	.0625131
#2	.9602764	.0227589	.0632275
#3	.9536411	.0228390	.0625184

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1399.041	2761.763	42374.71	7761.823	3698.802
Stddev	18.908	15.550	196.59	18.198	18.919
%RSD	1.351482	.5630585	.4639237	.2344523	.5114867

#1	1394.792	2748.837	42290.76	7746.725	3683.827
#2	1382.619	2779.019	42234.04	7756.715	3720.064
#3	1419.712	2757.432	42599.34	7782.029	3692.515

Sample Name: I6288-01LX5 Acquired: 11/14/2017 13:58:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MB0F31L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066171	.0041528	.0853138	-.000309	-.000672	17.94145	.0773305
Stddev	.0028736	.0014608	.0011069	.000472	.001449	.00966	.0000711
%RSD	43.42657	35.17755	1.297455	152.9186	215.6109	.0538669	.0919032

#1	.0095301	.0047168	.0840379	-.000840	.000270	17.94298	.0774085
#2	.0037847	.0052474	.0860174	-.000154	-.002341	17.93111	.0773135
#3	.0065363	.0024940	.0858860	.000066	.000054	17.95026	.0772695

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007226	-.000090	1.436770	.0297567	.0025704	.0341895	27.59857
Stddev	.0000776	.000032	.011549	.0004539	.0001423	.0012330	.05670
%RSD	10.74212	35.87277	.8038370	1.525237	5.534844	3.606480	.2054383

#1	.0006335	-.000126	1.426827	.0292417	.0025184	.0354608	27.54199
#2	.0007760	-.000064	1.449438	.0300983	.0027313	.0341089	27.65539
#3	.0007582	-.000081	1.434044	.0299302	.0024615	.0329987	27.59833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0723777	.3965090	.0065013	-.000083	.2287916	.0459548	.0596926
Stddev	.0008051	.0180299	.0003010	.000265	.0873394	.0013275	.0014281
%RSD	1.112319	4.547150	4.629140	320.3403	38.17421	2.888680	2.392377

#1	.0715384	.4166271	.0061731	.000218	.2162460	.0445054	.0586057
#2	.0731435	.3818107	.0065666	-.000283	.3217254	.0471115	.0591621
#3	.0724512	.3910892	.0067643	-.000183	.1484034	.0462475	.0613100

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3675335	.3097639	-.075202	.0002912	.0949433	2.815081	.0048189
Stddev	.0119118	.0032279	.000515	.0000596	.0013546	.004134	.0002624
%RSD	3.241003	1.042059	.6845885	20.47042	1.426713	.1468454	5.445396

#1	.3555885	.3134662	-.075514	.0002224	.0938945	2.818531	.0050474
#2	.3676005	.3075396	-.074608	.0003242	.0944628	2.810499	.0048770
#3	.3794117	.3082859	-.075485	.0003271	.0964726	2.816214	.0045324

Sample Name: I6288-01LX5 Acquired: 11/14/2017 13:58:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MB0F31L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2026440	.0039145	.0132802
Stddev	.0007346	.0000370	.0000518
%RSD	.3625328	.9442577	.3897240

#1	.2019596	.0039566	.0132980
#2	.2034203	.0038877	.0132219
#3	.2025520	.0038991	.0133207

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1409.737	2763.302	42032.17	7450.419	3972.362
Stddev	10.651	9.403	44.13	14.176	13.490
%RSD	.7555656	.3402645	.1049940	.1902722	.3395871

#1	1419.076	2759.016	42007.47	7436.847	3964.826
#2	1398.136	2774.084	42083.12	7449.280	3987.936
#3	1411.999	2756.806	42005.91	7465.130	3964.325

Sample Name: I6246-11A Acquired: 11/14/2017 14:42:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDXM1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003453	.0768455	.4778524	-.001117	.1300813	52.67281	.2135981
Stddev	.002372	.0006278	.0052241	.002002	.0001756	.34295	.0014264
%RSD	68.68201	.8169177	1.093247	179.1503	.1350333	.6511025	.6678086

#1	-.003959	.0774389	.4837252	-.001699	.1301088	52.84987	.2137380
#2	-.000869	.0769092	.4737228	.001111	.1302417	52.89104	.2149494
#3	-.005531	.0761883	.4761091	-.002764	.1298936	52.27751	.2121068

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039425	.0037958	29.18057	.1396105	.0695893	.4197855	176.6933
Stddev	.0000533	.0001032	.20913	.0022240	.0007958	.0038264	.9659
%RSD	1.350669	2.719756	.7166866	1.593036	1.143520	.9115247	.5466506

#1	.0039105	.0039149	29.09923	.1407846	.0703992	.4237835	176.7171
#2	.0039131	.0037321	29.41815	.1370454	.0688084	.4194154	177.6470
#3	.0040040	.0037405	29.02433	.1410014	.0695604	.4161575	175.7156

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.169862	37.08346	.1503918	.0030012	2.360384	.2881773	4.422133
Stddev	.009604	.18779	.0009329	.0001739	.080015	.0023305	.037186
%RSD	.8209685	.5064046	.6203209	5.795091	3.389902	.8087105	.8409156

#1	1.168154	37.09064	.1514296	.0030627	2.452530	.2863658	4.443601
#2	1.180206	37.26756	.1496228	.0031360	2.320153	.2908065	4.379194
#3	1.161227	36.89218	.1501230	.0028048	2.308468	.2873596	4.443605

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.371422	3.112141	-.439992	.0489926	2.321051	9.225502	.0243941
Stddev	.011174	.025520	.000779	.0008945	.020966	.020179	.0004303
%RSD	.4711869	.8200024	.1770221	1.825759	.9032823	.2187296	1.764010

#1	2.384215	3.138655	-.440839	.0500036	2.345258	9.246430	.0243723
#2	2.366477	3.110021	-.439306	.0486701	2.309216	9.223908	.0248349
#3	2.363574	3.087748	-.439831	.0483041	2.308680	9.206167	.0239751

Sample Name: I6246-11A Acquired: 11/14/2017 14:42:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDXM1A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.607852	.0700621	.0878022
Stddev	.022944	.0007300	.0006613
%RSD	.6359348	1.041881	.7531147

#1	3.615024	.0703874	.0883571
#2	3.626353	.0705728	.0879791
#3	3.582179	.0692260	.0870705

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1412.840	2836.026	43264.77	7952.265	3696.560
Stddev	12.988	31.264	358.94	52.615	37.000
%RSD	.9192910	1.102386	.8296456	.6616383	1.000919

#1	1399.476	2800.346	42870.72	7931.683	3655.564
#2	1425.416	2858.626	43573.09	7913.053	3727.473
#3	1413.628	2849.104	43350.50	8012.060	3706.643

Sample Name: CCV072 Acquired: 11/14/2017 14:46:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.890597	4.664935	24.25002	5.091956	4.833857	392.6017
Stddev	.011160	.027442	.05973	.017524	.011740	3.2457
%RSD	.2282014	.5882528	.2462999	.3441430	.2428741	.8267136

#1	4.893325	4.691369	24.26798	5.112051	4.846976	393.8195
#2	4.878325	4.636586	24.18338	5.079860	4.824339	388.9232
#3	4.900140	4.666849	24.29871	5.083955	4.830256	395.0624

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.09054	.4995116	2.550530	395.3314	15.19572	2.498137
Stddev	.08030	.0045112	.004456	1.1381	.06045	.005962
%RSD	.7958419	.9031194	.1747139	.2878877	.3978174	.2386495

#1	10.18303	.5034422	2.549577	396.2585	15.24485	2.500453
#2	10.03854	.4945860	2.546628	394.0612	15.12822	2.491364
#3	10.05005	.5005068	2.555386	395.6744	15.21410	2.502592

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.67536	406.5852	14.63940	400.2946	2.491944	F 1.072322
Stddev	.05525	1.4626	.05607	1.4712	.006585	.003075
%RSD	.3764622	.3597261	.3829919	.3675247	.2642459	.2867406

#1	14.73698	408.2014	14.69830	401.7728	2.492432	1.075651
#2	14.63025	405.3526	14.58667	398.8305	2.485128	1.069588
#3	14.65885	406.2018	14.63324	400.2806	2.498270	1.071728

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	401.8433	2.498711	15.79854	148.6767	5.031042	F 4.169755
Stddev	1.4619	.003330	.11543	.2942	.045161	.030937
%RSD	.3637926	.1332620	.7306171	.1978518	.8976376	.7419301

#1	403.3328	2.495521	15.79178	148.9861	5.061792	4.203592
#2	401.7865	2.498448	15.91720	148.4006	4.979194	4.142918
#3	400.4107	2.502165	15.68664	148.6434	5.052140	4.162756

Sample Name: CCV072 Acquired: 11/14/2017 14:46:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV072 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.890225	5.221324	4.910428	4.938736	4.982097	5.064711
Stddev	.013649	.053543	.030770	.017919	.008674	.021634
%RSD	.2791116	1.025459	.6266306	.3628301	.1740951	.4271445

#1	4.894876	5.251734	4.941608	4.952962	4.988613	5.088427
#2	4.874859	5.159502	4.880085	4.918611	4.985426	5.059649
#3	4.900941	5.252738	4.909592	4.944636	4.972252	5.046057

Elem	Sr4077
Units	ppm
Avg	5.204999
Stddev	.034664
%RSD	.6659658

#1	5.211592
#2	5.167513
#3	5.235893

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1085.021	2203.287	34394.08	6896.342	2720.496
Stddev	5.877	10.285	69.92	40.363	14.998
%RSD	.5416209	.4667952	.2032868	.5852799	.5513107

#1	1084.808	2192.582	34320.38	6850.407	2705.390
#2	1079.254	2213.092	34402.40	6926.137	2735.384
#3	1091.002	2204.188	34459.47	6912.483	2720.714

Sample Name: CCB072 Acquired: 11/14/2017 14:50:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000785	.0003604	.0001776	.0005163	-.000536	-.002936	.0000067
Stddev	.000414	.0006922	.0006781	.0019410	.001899	.004491	.0001459
%RSD	52.76632	192.0773	381.7039	375.9664	354.4344	152.9560	2188.321

#1	-.000312	.0009674	.0008178	-.000987	-.000420	-.004110	-.000136
#2	-.000963	-.000394	-.000533	.002707	-.002491	-.006723	.000000
#3	-.001081	.000507	.000248	-.000171	.001303	.002025	.000156

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000015	-.000027	.0019018	.0000001	.0000906	.0012022	.0010827
Stddev	.000044	.000041	.0032236	.0004324	.0000743	.0004389	.0055997
%RSD	298.6092	151.0226	169.5054	313179.5	81.99080	36.51009	517.1678

#1	-.000056	-.000042	-.001137	.0004908	.0001521	.0016974	.0068617
#2	.000031	-.000059	.001559	-.000325	.0000081	.0010477	.0007051
#3	-.000019	.000019	.005283	-.000165	.0001115	.0008613	-.004319

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002812	-.004288	-.000034	.0000639	.0477839	-.000597	-.000019
Stddev	.0003893	.010400	.000151	.0002780	.0491307	.002527	.000398
%RSD	138.4317	242.5090	440.4520	434.8661	102.8186	423.0738	2107.058

#1	.0006547	-.014693	-.000180	.0003562	.0385187	.001947	.000277
#2	.0003113	.006106	-.000043	.0000326	.0039454	-.000632	-.000472
#3	-.000122	-.004279	.000121	-.000197	.1008876	-.003107	.000139

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1648872	-.000329	.0018918	.0005221	-.008896	-.002999	.0002716
Stddev	.0255730	.001186	.0005965	.0000914	.003061	.000914	.0002287
%RSD	15.50937	360.0601	31.52838	17.50932	34.41029	30.47799	84.20060

#1	.1602183	.000871	.0024812	.0006269	-.006002	-.004031	.0000078
#2	.1419703	-.000359	.0012885	.0004592	-.012101	-.002292	.0004128
#3	.1924729	-.001500	.0019058	.0004801	-.008584	-.002674	.0003943

Sample Name: CCB072 Acquired: 11/14/2017 14:50:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB072 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000654	.0082750	-.000052
Stddev	.000731	.0007106	.000035
%RSD	111.7773	8.587791	67.57060

#1	-.001423	.0090347	-.000084
#2	.000032	.0076265	-.000014
#3	-.000570	.0081638	-.000058

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1405.773	2758.282	42281.72	7371.561	4168.369
Stddev	9.947	13.661	213.94	8.641	17.078
%RSD	.7075864	.4952885	.5059933	.1172189	.4097148

#1	1415.644	2748.460	42382.28	7362.553	4152.174
#2	1395.752	2752.503	42036.03	7372.351	4166.721
#3	1405.922	2773.883	42426.86	7379.780	4186.211

Sample Name: ICV Acquired: 11/14/2017 12:40:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0489480	.0787696	.1896825	.0767510	.1788927	.2334713
Stddev	.0002075	.0004960	.0013853	.0002124	.0004341	.0020195
%RSD	.4239438	.6296707	.7303335	.2767260	.2426289	.8649906

#1	.0487773	.0781976	.1890502	.0765642	.1785402	.2346871
#2	.0488876	.0790295	.1887263	.0769820	.1787605	.2311401
#3	.0491790	.0790815	.1912712	.0767068	.1793775	.2345868

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.468002	2.006999	1.133571	.6470954	.0698680	.4322022
Stddev	.015970	.017962	.007864	.0046204	.0002084	.0025124
%RSD	.6470801	.8949467	.6937202	.7140157	.2982781	.5813103

#1	2.479006	2.026311	1.129074	.6501817	.0697592	.4304116
#2	2.449685	1.990794	1.128989	.6417835	.0701083	.4311206
#3	2.475316	2.003891	1.142652	.6493211	.0697365	.4350743

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1050810	.1257183	.2764765	.0481841	.2436095	.1906772
Stddev	.0006916	.0010103	.0028663	.0005957	.0017723	.0008115
%RSD	.6581980	.8036484	1.036719	1.236229	.7275099	.4255663

#1	.1055230	.1263812	.2782440	.0483864	.2425174	.1906854
#2	.1042839	.1245555	.2731695	.0475136	.2426566	.1898617
#3	.1054360	.1262182	.2780162	.0486523	.2456543	.1914845

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0909256	.0518547	.2611864	.3440733	.0002734	.2274985
Stddev	.0008755	.0002267	.0016555	.0032138	.0000124	.0031357
%RSD	.9628340	.4372516	.6338226	.9340592	4.550801	1.378355

#1	.0899781	.0521153	.2608924	.3462439	.0002877	.2299068
#2	.0910944	.0517024	.2629692	.3403813	.0002648	.2239528
#3	.0917044	.0517464	.2596977	.3455948	.0002677	.2286359

Sample Name: ICV Acquired: 11/14/2017 12:40:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.3157041	.0012252	.2298969	.0363308	.2460742	.6709162
Stddev	.0019030	.0000456	.0020818	.0001782	.0017000	.0026173
%RSD	.6027628	3.721540	.9055536	.4905429	.6908486	.3901055

#1	.3143087	.0012339	.2318100	.0361551	.2473166	.6732592
#2	.3149318	.0011759	.2276797	.0363257	.2441368	.6680915
#3	.3178718	.0012659	.2302009	.0365115	.2467691	.6713980

Elem	Sr4077
Units	Cts/S
Avg	6.750348
Stddev	.064317
%RSD	.9527968

#1	6.797843
#2	6.677155
#3	6.776046

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1410.405	2796.264	42116.40	7620.459	3995.777
Stddev	3.237	7.493	46.20	76.406	11.518
%RSD	.2295185	.2679638	.1096947	1.002637	.2882576

#1	1407.662	2799.581	42079.58	7546.706	4003.739
#2	1409.579	2801.526	42168.24	7699.266	4001.022
#3	1413.976	2787.685	42101.38	7615.406	3982.570

Sample Name: ICB Acquired: 11/14/2017 12:44:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.000101	-.000074	-.000162	.0002097	.0002644	-.000180
Stddev	.000076	.000050	.000067	.0000981	.0001567	.000468
%RSD	74.92414	67.14188	40.98869	46.76556	59.27151	259.9022

#1	-.000056	-.000052	-.000130	.0003230	.0004146	.000235
#2	-.000058	-.000131	-.000118	.0001522	.0002767	-.000087
#3	-.000188	-.000039	-.000239	.0001540	.0001019	-.000688

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.016335	-.001665	-.000371	.0017901	.0000232	.0000063
Stddev	.001015	.000170	.000115	.0003438	.0000576	.0001296
%RSD	6.216197	10.18033	30.95495	19.20595	247.9383	2072.213

#1	-.015215	-.001477	-.000303	.0016462	.0000231	-.000107
#2	-.017194	-.001711	-.000504	.0015416	-.000034	.000147
#3	-.016597	-.001807	-.000307	.0021825	.000081	-.000022

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0010195	.0000561	-.000129	-.000068	-.000843	.0011004
Stddev	.0001953	.0000324	.000016	.000077	.000039	.0000670
%RSD	19.15074	57.76256	12.47887	113.2543	4.638669	6.091854

#1	.0010457	.0000290	-.000111	.000020	-.000798	.0011258
#2	.0012004	.0000473	-.000135	-.000124	-.000872	.0010244
#3	.0008125	.0000920	-.000141	-.000101	-.000858	.0011511

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.007115	-.000266	.0003508	.0337759	.0001062	.0029689
Stddev	.001278	.000144	.0006365	.0017198	.0000317	.0002881
%RSD	17.96936	54.08905	181.4053	5.091919	29.83611	9.704040

#1	-.007181	-.000100	.0005275	.0339459	.0001402	.0030238
#2	-.005804	-.000343	-.000355	.0319774	.0001009	.0032255
#3	-.008358	-.000355	.000880	.0354045	.0000775	.0026572

Sample Name: ICB Acquired: 11/14/2017 12:44:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v280) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0006335	.0010117	.0035782	.0001729	.0014294	.0554438
Stddev	.0001147	.0000238	.0002072	.0000357	.0003877	.0008049
%RSD	18.10505	2.356602	5.791908	20.64999	27.12241	1.451748

#1	.0006910	.0009919	.0036462	.0001729	.0015842	.0563009
#2	.0007081	.0010049	.0037428	.0001372	.0009882	.0553266
#3	.0005014	.0010381	.0033454	.0002086	.0017157	.0547039

Elem	Sr4077
Units	Cts/S
Avg	-.002747
Stddev	.000675
%RSD	24.58337

#1	-.002790
#2	-.003399
#3	-.002051

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1462.120	2907.399	43621.19	7606.420	4329.938
Stddev	15.180	28.670	426.04	50.097	30.238
%RSD	1.038249	.9861087	.9766766	.6586154	.6983456

#1	1467.914	2910.142	43871.82	7663.143	4327.793
#2	1473.550	2934.599	43862.47	7568.229	4361.191
#3	1444.896	2877.456	43129.27	7587.889	4300.829